S/M No. : TCN793NEF0

Service Manual

Color Television

CHASSIS : CN-793N

Model : DTQ-27U8SC
DTQ-29U8SS
DTQ-29U8SSP

SPECIFICATIONS

ITEMS \ MODEL	DTQ-27U8SC	DTQ-29U8SS	DTQ-29U8SSP
TV Standard	NTSC-M		
Power Input	AC 120V 60Hz	AC 120V 50/60Hz	AC 220V 50/60Hz
Power Consumption	125W		
Tuning ranges	Frequency Synthesizer(FS)Tuning System TV VHF(L):CH2-CH6 UHF(H):CH7-CH13 UHF :CH14-CH69 CATV VHF(L) :5A, A, B, A-5-A-1 CH2 - CH6 VHF(H) :C-W+11 CH7 - CH13 UHF :W+12-W+84		
Sound Output	5W+5W	7W+7W	7W+7W
Speaker	8ohm 12W	8ohm 12W×2EA	8ohm 12W×2EA
Antenna Input Impedance	75ohm Unbalanced		
Auxiliary Input Terminal	Front: Video, Audio(L,R) Rear: Video, Audio(L,R) Component Video, Audio(L,R)		
Auxiliary Output Terminal	REAR: Video, Audio(L,R)		
Intermediate Frequencies	Picture IF Carrier Frequency : 45.75MHz Sound IF Carrier Frequency : 41.25MHz Color Sub-Carrier Frequency : 42.17MHz		
Remote Control	R-43A07		
Special Function	1) Icon Type 2) 3-Language OSD 3) With CAPTION 4) CH Label 5) V-Chip 6) Dynamic Sound	7) Surround 8) AVC 9) CVI(Component Video Input) 10) Wake-Up/Off Timer 11) Sleep Timer 12) Power Restore	

DAEWOO ELECTRONICS CO., LTD

http://svc.dwe.co.kr **Apr. 2002**

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SPECIFICATIONS

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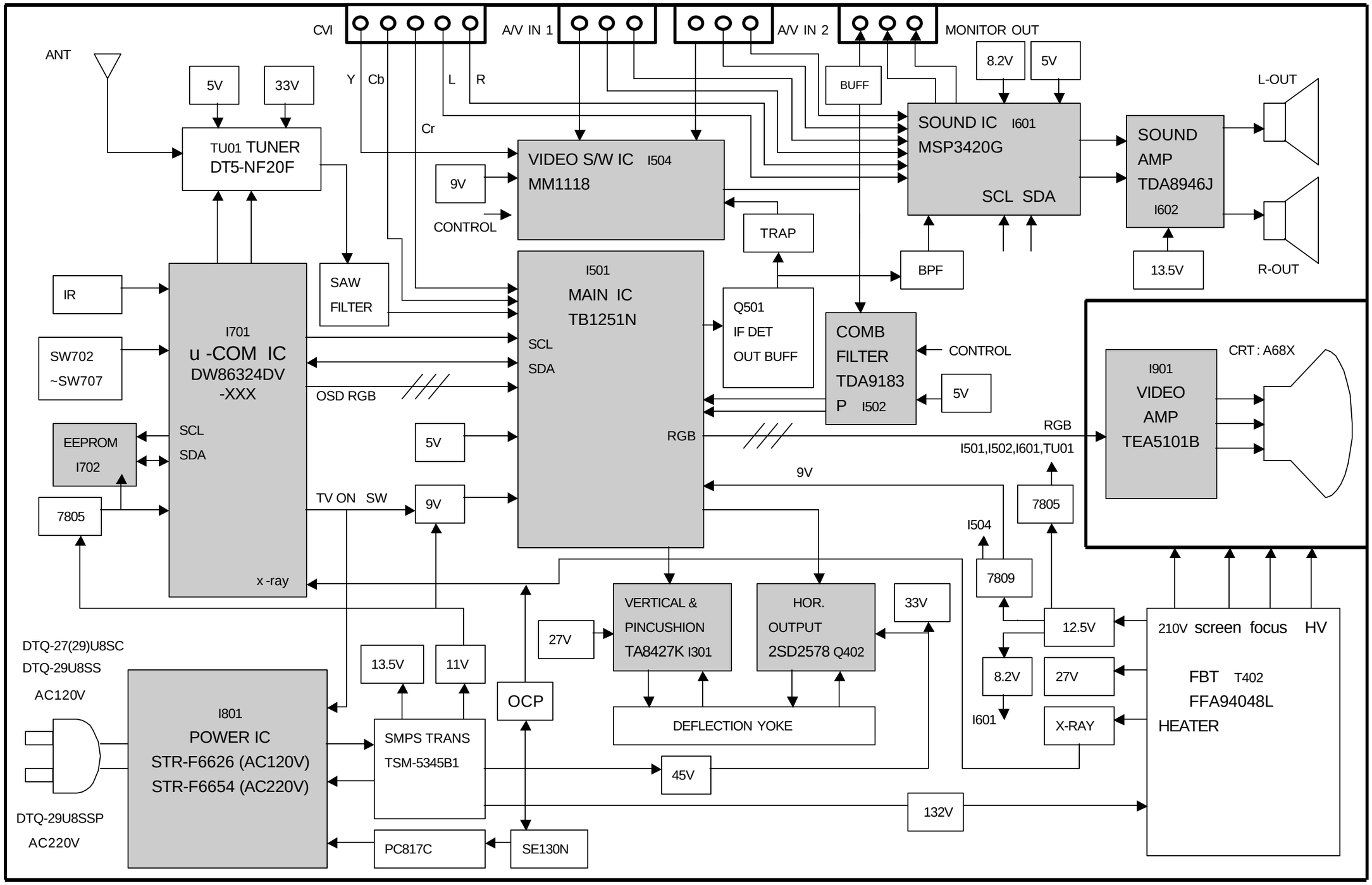
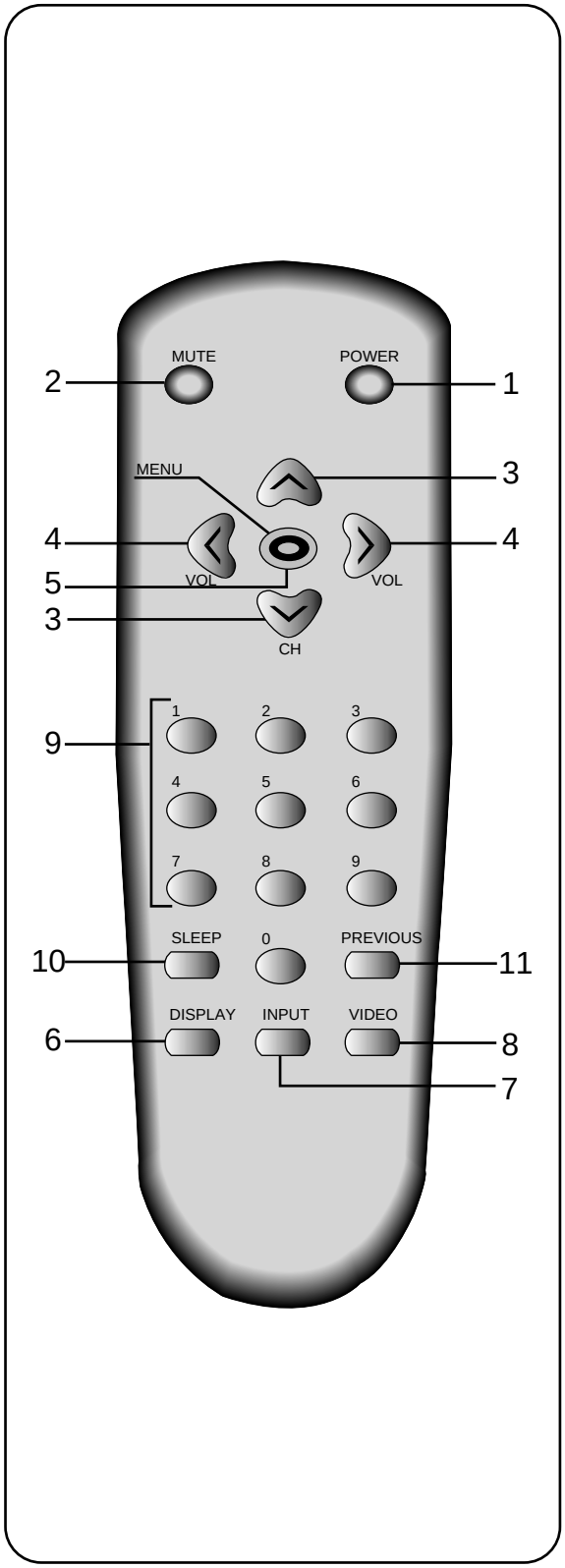
CIRCUIT BLOCK DIAGRAM

CN-793N BLOCK DIAGRAM



ALIGNMENT INSTRUCTIONS

Your Remote Control(R-43A05)



1. POWER
   Use this button to turn your TV on or off.

2. MUTE
   Use to turn the TV's sound on and off.

3. ▼CH▲
   Use these buttons to change your TV's volume, to activate selections in the menu system.

4. ◀VOL▶
   Use thesebuttons to change your TV's volume, to activate selections in the meny system, or to change audio and video settings.

5. MENU
   Use this button to turn the TV's menu system on and off.

6. DISPLAY
   Use this button to display the channel numbeer and status.

7. INPUT
   Use this button to select the TV's signal source.

8. VIDEO
   Use this button to display video adjustment.

9. 0-9
   Use these buttons to change channels.

10. SLEEP
    Use this button to program the TV to turn off after a certain time.

11. PREVIOUS
    Use this button to return to the previous channel you were watching.

1. SERVICE MODE ADJUSTMENTS

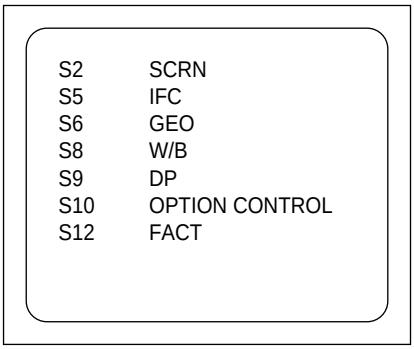
Follow the steps below whenever service adjustment is required. See Table- A and Table- B to determine if service adjustments are required.

1) How to enter the service mode using the user remote control.

- Turn the set on.
- Direct the remote control to the reception window of TV.
- Push buttons of remote control in sequence as follows.

1 → MUTE → DISPLAY → MUTE

- Then, the screen will appear as follows.



- Using the channel up or channel down button, select the item you wish to adjust. (The color of selected item turns into the red.)
- Press the volume up or down button to enter in the service mode you wish to adjust.

2) How to memorize the adjusted values in the service mode.

- Must press **DISPLAY** button the state which the screen is displaying each of service menusafter all adjustments are completed each of all service menu.

Table-A : Adjust the values of service mode when a part is replaced.

PART REPLACED	ADJUSTMENT		NOTES
	NECESSARY	UNNECESSARY	
I701 (U-COM)		**O**	Data is stored in I703.
I101 (MAIN)		**O**	
I702 (EEPROM)	**O**		Initial setting values are written from I701. ADJUSTING ITEMS S5 : RFAGCD S6 : H.CENTER/V.CENTER/V.SIZE S8 : GD/BD/RB/GB/BB S9 : DP-brightness
CRT	**O**		Adjust items related to picture tube only.(White Balance adjustment)

Table-B

MODE	ADJUSTMENT ITEMS	DATA		REMARKS
		INITIAL	RANGE	
S2	Screen Adjustment	-	-	
S5	AT RAGC			
	RF AGC D *	27	0 ~63	Align RF AGC threshold
	AGC POINT	3.75	3.25~4.0	Select AGC reference voltage
	AFT SEN	100K	25K/100K	
	OVR MSW	0	0/1	Must be set to 0
	Q/DT GN	0	0/1	Must be set to 0
	VCO CTR	0	0/1	Must be set to 0
	VCO REQ	0	0/1	Must be set to 0
	VCO STP	0	0/1	Must be set to 0
	CARRIER	0	0/1	Must be set to 0
	BUZ RED	0	0/1	Must be set to 0
	FM/AM CAL	16	0~255	Must be set to 16
	SCART SCAL	15	0~255	Must be set to 15
	MOTR VOL	127	0~255	Must be set to 127
S6	H-CENTER *	14	0~31	Align sync to flyback pulse,using cross pattern
	H-SIZE *	54	0~63	Align sync to flyback pulse,using cross pattern
	P-CUSHION *	18	0~63	Align pincution,using cross pattern
	V-CENTER *	4	0~7	Align vertical DC bias,using cross pattern
	V-SIZE *	41	0~63	Align vertical amplitude,using cross pattern
	V-LIN *	9	0~15	Align vertical linearity,using cross pattern
	EW-TRAPEZ *	14	0~31	Align EW-TRAPEZ,using cross pattern
	V-S	8	0~15	Must be set to 8
	V-RAMP	1	0/1	Must be set to 1
	V-EHT	7	0~7	Must be set to 7
	EW-CORNER	8	0~15	Must be set to 8
	H-EHT	7	0~7	Must be set to 7
S8	G-DRIVE *	61	0~127	Align green out AC level
	B-DRIVE *	74	0~127	Align blue out AC level
	R-BIAS	127	0~255	Must be set to 127
	G-BIAS *	160	0~255	Align green out DC level
	B-BIAS *	138	0~255	Align blue out DC level
S9	DP-BRIGHT *	57	0~77	Align common RGB DC level
	DP-CONTRAST	15	0~27	
	DP-SHARPNESS	38	0~38	
	DP-COLOR	15	0~27	
	DP-TINT	40	0~77	
	CbCr COR	15	0~31	
	CbCr TINT	3	0~31	
	SUB CONT	5	0~15	
S10	DIGITAL SENSOR	NO	-	
	QUASI CHECK	NO	NO/YES	
	NO SD POWER OFF	YES	NO/YES	
S12	Forwarding Mode	-		Factory initialization

*Indicates the items with different settings each of sets.

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2. ASSEMBLY ADJUSTMENTS

1) SCREEN ADJUSTMENT (S2)

- Enter the service mode and select service adjustment S2.
- You can see the one horizontal line on the screen.
- Adjust the Screen Control Volume (located on FBT) so that the horizontal line onscreen may bedisappeared.
- Press the volume up or down button to exit in the screen adjustment mode.

CAUTION

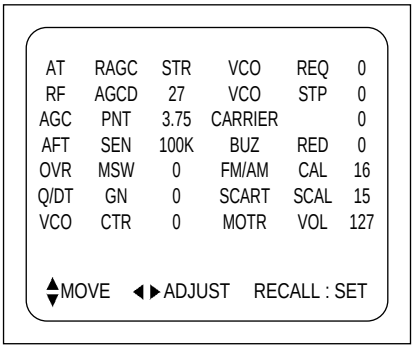
IN THE SCREEN ADJUSTMENT MODE, DONT PRESS OTHER BUTTONS EXCEPT VOLUME UP OR DOWN BUTTON.

2) FOCUS ADJUSTMENT

- Turn in a local station and adjust the Focus Control knob (located on FBT) for best picturedetails at high light condition.

3) RF AGC DELAY ADJUSTMENT (S5)

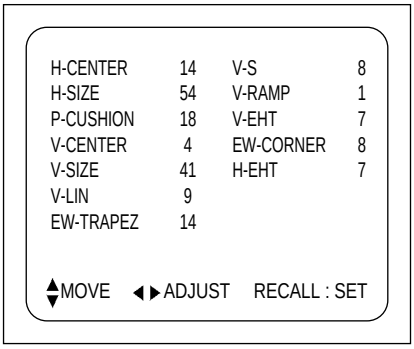
- Receive a good local channel.
- Enter the service mode and select service adjustment S5.
- You can see the OSD as shown in below.


AT RAGC STR VCO REQ 0
RF AGCD 27 VCO STP 0
AGC PNT 3.75 CARRIER 0
AFT SEN 100K BUZ RED 0
OVR MSW 0 FM/AM CAL 16
Q/DT GN 0 SCART SCAL 15
VCO CTR 0 MOTR VOL 127
MOVE ADJUST RECALL : SET

- Select RFAGCD item, press the volume up or down button until noise or beat in picture disappears.
- Press the DISPLAY button to memorize the data.

4) GEOMETRIC ADJUSTMENTS (S6)

- Using the volume up or down button, select internal cross pattern.
- Select service adjustment S6
- You can see the OSD as shown in below.



4-1. Horizontal Position Adjustment

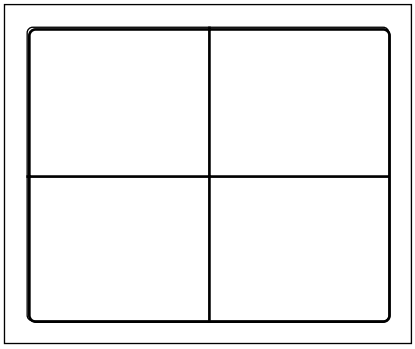
- Select H-CENTER item, adjust H-CENTER data value to obtain proper horizontal centering of theinternal cross pattern at the left and right of the screen.

4-2. Vertical Position Adjustment

- Select V-CENTER item, adjust V-CENTER data value to center the raster properly on the screen.

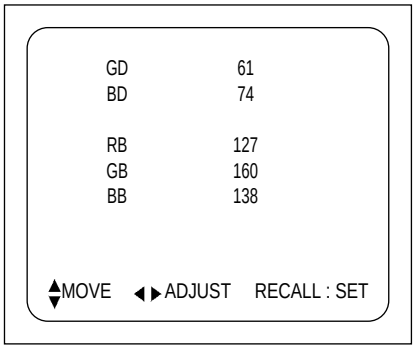
4-3. Vertical Size Adjustment

- Select “V.SIZE” item, adjust “V.SIZE” data value to proper vertical size as follows.



5) WHITE BALANCE ADJUSTMENT(S8)

- Receive a good local channel.
- Enter the service mode and select service adjustment S8.
- You can see the OSD as shown in below.

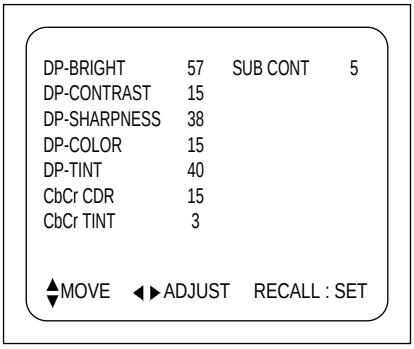


- Using volume up or volume down, adjust service adjustment data of RD/GD/BD and RB/GB/BB until a good gray scale with normal whites is obtained.ALIGNMENT INSTRUCTIONS
- Press the DISPLAY button to memorize the data.

6) DIGITAL PRESET(D.P) ADJUSTMENTS(S9)

SUBBRIGHTNESS ADJUSTMENT

- Receive a good local channel.
- Enter the service mode and select service adjustment S9.
- You can see the OSD as shoown in below.



- Select Subbrightness item, adjust Subbrightness data value to obtain normal brightness level.
- Press the DISPLAY button to memorize the data.

CONTRAST

- Fixed value = 15

TINT

- Fixed value = 40

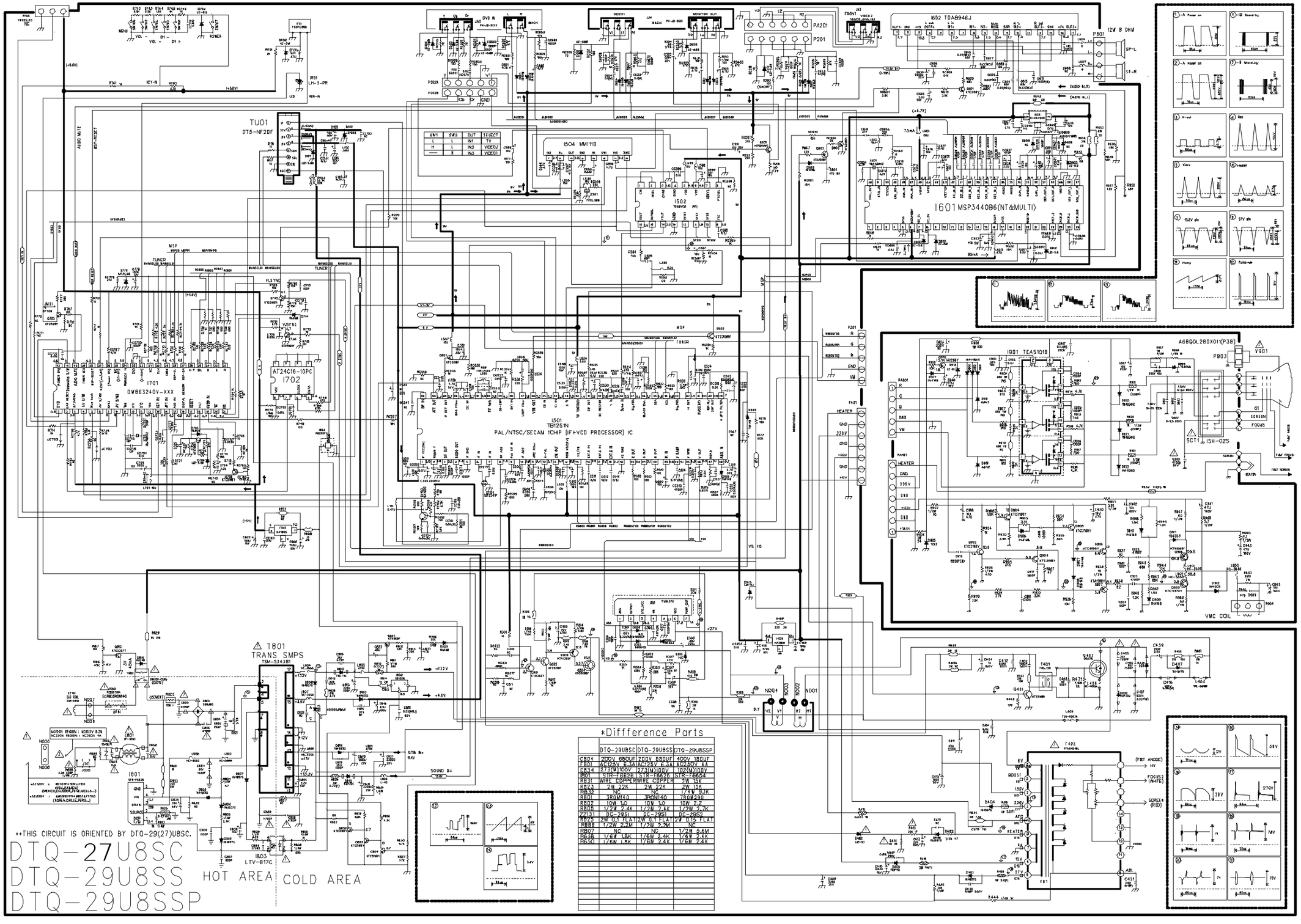
COLOR

- Fixed value = 15

7) FACTORY OUTGOING MODE (S12 : FACT)

- If you select the S12, then the set becomes factory outgoing status.
- You can see the OSD “outgoing OK”

SCHEMATIC DIAGRAM



*Diffference Parts

	DTQ-29U8SC	DTQ-29U8SS	DTQ-29U8SSP
CB01	200V 680UF	200V 820UF	400V 180UF
RB01	AG125V 8.0A	AG125V 8.0A	AG250V 4A
CB14	273(M)100V	273(M)100V	102(M)100V
RB01	STR-F6626	STR-F6626	STR-F6654
RB21	WIRE COPPER	WIRE COPPER	2W 15K
RB23	2W 22K	2W 22K	2W 15K
RB39	NC	NC	1/4W 91K
RB01	3R0M140	3R0M140	7R0W290
RB02	10W 1Ω	10W 1Ω	10W 2.2
RB05	1/2W 2.4K	1/2W 2.4K	1/2W 2.7K
ZZ131	DC-295I	DC-295I	DC-295Q
RB25	2W 0.1 FLAT	2W 0.1 FLAT	2W 0.15 FLAT
RB68	1/2W 2.2M	1/2W 2.2M	NC
RB07	NC	NC	1/2W 6.8M
RB55	1/6W 1.8K	1/6W 2.4K	1/6W 2.4K
RB50	1/6W 1.8K	1/6W 2.4K	1/6W 2.4K

ELECTRICAL PARTS LIST

CAUTION

" ⚠ " is a safety part, so it must be used the same part.

" Ⓡ " is a recommendable part for essential stock.

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
ZZ100	48B4343A07	TRANSMITTER REMOCON	R-43A07 (AA)	Ⓡ
ZZ110	PTACPWJ936	ACCESSORY AS	DTQ-29U8FC	
0030	4850Q00810	BATTERY	R6P/LN	
0040	48586793E1	MANUAL INSTRUCTION	ENGLISH	
M821	4858213800	BAG INSTRUCTION	L.D.P.E T0.05X250X400	
ZZ120	PTBCSHJ936	COVER BACK AS	DTQ-29U8FC	
M211	4852160400	COVER BACK	FR HIPS GY 29U8	
M591	4855936700	DECO AV	PVC T0.25	
M781	4857817630	CLOTH BLACK	FELT 400X20X0.7	
M782	4857817612	CLOTH BLACK	FELT 250X20X0.7	
ZZ130	PTPKCPJ904	PACKING AS	DTQ-29U8	
10	6520010100	STAPLE PIN	AUTO W65	
M681	4856812400	BAND PP AUTO	T1.1XW17mmXL770M	
M801	4858059700	BOX CARTON	DW-3 29U8	
M811	4858198100	PAD	EPS 29U8	
M821	4858215600	BAG P.E	PE FOAM t0.5x1600x1270	
ZZ131	58G0000143	COIL DEGAUSSING	DC-29S1	⚠
ZZ132	48519A4210	CRT GROUND NET	2901H-1015-2P	
ZZ140	PTCACAJ948	CABINET AS	DTQ-29U8SC	
M201A	4856015821	SCREW CRT FIX	SWRM+SK5 L=35	
M201B	4856215402	WASHER RUBBER	CR T2.0	
M201E	4856816300	CLAMP WIRE	NYLON 6 (V0)	
M211A	7172401612	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK	
M211B	7172401612	SCREW TAPPTITE	TT2 TRS 4X16 MFZN BK	
M211C	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK	
M541	4855419800	SPEC PLATE	ART 150	
M686	4856812001	TIE CABLE	NYLON66 DA100	
V901	4859635261	CRT	A68QDL280X011(B) P45	⚠
ZZ200	PTFMSJJ936	MASK FRONT AS	DTQ-29U8FC	
M191	4851944701	DOOR AS	2823101+5544901 29U8	
M201	4852078800	MASK FRONT	FR HIPS GY 29U8	
M481	4854860900	BUTTON POWER	FR ABS GY 29U8	
M481A	4856716000	SPRING	SWPA PIE0.5	
M491	4854950400	BUTTON CH	FR ABS GY 29U8	
M491A	7178301011	SCREW TAPPTITE	TT2 WAS 3X10 MFZN	
M501	4855060301	DECO CTRL	PVC T0.25	
M561	48556174SD	MARK BRAND	SILVER DIA-CUTTING	
M592	4855936301	DECO EYE	ABS BLUE	
M592A	7178301011	SCREW TAPPTITE	TT2 WAS 3X10 MFZN	
M791	4857923300	DOOR LOCK	LA701(KIFCO)	
ZZ202	PTSPPWJ904	SPEAKER AS	DTQ-29U8	
PA601	4850704S32	CONNECTOR	YH025-04+YRT205+ULW900500	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
SP01	4858315210	SPEAKER	SP-78128F02	
SP01A	7172401212	SCREW TAPPTITE	TT2 TRS 4X12 MFZNBK	
SP02	4858315210	SPEAKER	SP-78128F02	
SP02A	7172401212	SCREW TAPPTITE	TT2 TRS 4X12 MFZNBK	
ZZ290	PTMPMSJ936	PCB MAIN MANUAL AS	DTQ-29U8FC	
10	2193102005	SOLDER BAR	SN:PB=63:47 S63S-1320	
30	2291050616	FLUX SOLDER	JS-64T3	
40	2291050301	FLUX SOLVENT	IM-1000	
C308	CEYF1E332V	C ELECTRO	25V RSS 3300MF (16X31.5)	
C401	CEYD1H689V	C ELECTRO	50V RUB 6.8MF (16*35.5)	
C405	CMYH3D722J	C MYLAR	2KV BUP 7200PF J	⚠
C406	CMYH3D752J	C MYLAR	2KV BUP 7500PF J	⚠
C407	CMYE2J273J	C MYLAR	630V PU 0.027MF J	
C416	CMYE2G364J	C MYLAR	400V PU 0.36MF J	
C802	CL1UC3104M	C LINE ACROSS	WORLD AC250V 0.1UF M R.47	⚠
C803	CL1UC3104M	C LINE ACROSS	WORLD AC250V 0.1UF M R.47	⚠
C804	CEYD2D681D	C ELECTRO	200V FHS 680MF (25X40)	
C809	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	⚠
C813	CEYN2D221T	C ELECTRO	200V FWS 220MF (22X30)	
C821	CEYF1E332V	C ELECTRO	25V RSS 3300MF (16X31.5)	
C824	CBYB3D152K	C CERA SEMI	2KV BL(N) 1500PF K	
C831	CEYF1E332V	C ELECTRO	25V RSS 3300MF (16X31.5)	
C888	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	⚠
D402	DRGP30J—-	DIODE	RGP30J	Ⓡ
D431	DDG3———	DIODE	DG3	Ⓡ
D801	PTC1SW8902	HEAT SINK ASS`Y	DPBS606GU- + 7174300811	Ⓡ
D801	DPBS606GU-	DIODE BRIDGE	PBS606G	Ⓡ
D801A	4857018902	HEAT SINK	A1050P-H24	Ⓡ
D801B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	Ⓡ
D810	PTS2SW6900	HEAT SINK ASS`Y	DFMLG16S—- + 7128301011	Ⓡ
00001	DFMLG16S—-	DIODE	FML-G16S	Ⓡ
0000A	4857026900	HEAT SINK	AL EX	
0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
D815	DRGP30J—-	DIODE	RGP30J	Ⓡ
DF01	DLH2PR——-	LED BLOCK	LH-2P-R	Ⓡ
F801	5F1GB6321L	FUSE GLASS TUBE	UL/CSA TL 6.3A 125V MF51	⚠
I301	PTB2SW7904	HEAT SINK ASS`Y	1TA8427K—- + 7174300811	Ⓡ
I301	1TA8427K—-	IC	TA8427K	Ⓡ
I301A	4857027904	HEAT SINK	AL EX (AN0DIZE)	Ⓡ
I301B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	Ⓡ
I409	1KA7809—-	IC REGULATOR	KA7809	Ⓡ
I501	1TB1251N—-	IC	TB1251CN	Ⓡ

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
I502	1TDA9183P-	IC COMBFILTER	TDA9183P	®
I504	1MM1118—-	IC A/V SWITCH	MM1118	®
I601	1MSP3420B8	IC SOUND PROCESSOR	MSP3420G-P0-B8	®
I602	PTL2SW8210	HEAT SINK ASS`Y	1TDA8946J- + 7174301011	®
00001	1TDA8946J-	IC AUDIO AMP	TDA8946J	®
0000A	4857028210	HEAT SINK	AL EX	®
0000B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	®
I603	PTJ2SW6902	HEAT SINK ASS`Y	1KA7805—- + 7178301212	®
00001	1KA7805—-	IC REGULATOR	KA7805	®
0000A	4857026902	HEAT SINK	AL EX BK	®
0000B	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK	®
I701	1LC86F3248	IC MICOM OTP	LC86F3248A	®
I702	1AT24C16PC	IC	AT24C16-10PC	®
I703	1KA7805—-	IC REGULATOR	KA7805	®
I801	PTM2SW8210	HEAT SINK ASS`Y	1STRF6626- + 7174301011	⚠
00001	1STRF6626-	IC POWER	STR-F6626	⚠
0000A	4857028210	HEAT SINK	AL EX	⚠
0000B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	®
I802	1SE130N—-	IC	SE130N	®
I803	1KP1010C—	IC PHOTO COUPLER	KP-1010C	⚠
I804	1K78R09—-	IC REGULATOR	KIA78R09PI	®
I805	TX0202DA—	THYRISTOR	X0202DA1BA2	®
IF01	1TS0P1238W	IC PREAMP	TS0P1238WI1	®
JA01	4859107050	JACK PIN BOARD	PH-JB-9601 (PH06P-4120-C)	
JA02	4859108450	JACK PIN BOARD	YSC03P-4120-14A	
JA03	4859111550	JACK PIN BOARD	YPJ501B	
L403	58H0000047	COIL H-LINEARITY	TRL-190D	®
L404	58C7070085	COIL CHOKE	TLN-3062A	®
L555	58N0000046	COIL VCO	TRF-V012	®
L801	5PLF30A1—	FILTER LINE	LF-30A1	
L806	58C4500079	COIL CHOKE	L-45	®
M371A	4853747800	RETA PCB	NYLON 66	
M682	4856813600	HOLDER WIRE	NYLON 66 DAWH-13NA	
M683	4856812001	TIE CABLE	NYLON66 DA100	
P202A	4850705N07	CONNECTOR	BIC-05T-25T+ULW=200	
PA201	4850706S02	CONNECTOR	YH025-06+YST025+ULW=400	
PWC1	4859907810	CORD POWER AS	ME301P+TER=2100	⚠
Q304	PTE2SW7607	HEAT SINK ASS`Y	TKTC2026Y- + 7178301212	®
00001	TKTC2026Y-	TR	KTC2026Y	®
0000A	4857027607	HEAT SINK	AL EX	®
0000B	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK	
Q401	TKTC3229—	TR	KTC3229	®
Q402	PTF2SW7607	HEAT SINK ASS`Y	T2SD2578— + 7174301011	®
00001	T2SD2578—	TR	2SD2578	®
0000A	4857027607	HEAT SINK	AL EX	®
0000B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	®
Q801	TKTA968AY-	TR	KTA968AY	®
R801	DDB3R0M140	POSISTOR	ECPBD3R0M140	⚠

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
R802	RX10T109KS	R CEMENT	10W 1 OHM K TRIPOD SMALL	
R825	RM02Y108K-	R METAL FLAT	2W 0.1 OHM K	®
SF101	5PTSF5241P	FILTER SAW	TSF5241P	
SW707	5S50101035	SW TACT	KPT-1112 1C-1P	
T401	5TD0000018	TRANS DRIVE	THD-120	®
T402	50H0000222	FBT	BSC29-0197	⚠
T402A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK	⚠
T801	50M5345B1-	TRANS SMPS	TSM-5345B1	⚠
TU01	4859719130	TUNER VARACTOR	DT5-NF20F	®
X601	5XE18R432E	CRYSTAL QUARTZ	HC-49/U 18.43200MHZ 30PPM	®
X702	5XYR03276C	CRYSTAL QUARTZ	C-001R 32.768000KHZ 20PPM	®
Y801	5SC0101003	SW RELAY	DG12D1-0(M)-II 1C-1P	⚠
Z501	5PYXT4R5MB	FILTER CERA	XT 4.5MB	®
Z802	DSVC471D14	VARISTOR	SVC471D14A	⚠
ZZ200	PTMPJ2J936	PCB CHIP MOUNT B AS	DTQ-29U8FC	
CC101	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC103	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC104	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC105	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC151	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC455	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC502	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC504	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC509	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC515	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012	
CC516	HCBK223KCA	C CHIP CERA	50V X7R 0.022MF K 2012	
CC521	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC525	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC527	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC532	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC537	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC540	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC546	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC566	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC573	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC574	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC577	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC579	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC591	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC600	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC601	HCQK479CCA	C CHIP CERA	50V CH 4.7PF C 2012	
CC609	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC612	HCQK479CCA	C CHIP CERA	50V CH 4.7PF C 2012	
CC613	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC614	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC615	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC617	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC620	HCQK200JCA	C CHIP CERA	50V CH 20PF J 2012	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
CC621	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC626	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC627	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC628	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC629	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC630	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC631	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC633	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC635	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC636	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC637	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012	
CC641	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC645	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC648	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC649	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC650	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC652	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC666	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC670	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC680	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC702	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC716	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC718	HCQK120JCA	C CHIP CERA	50V CH 12PF J 2012	
CC720	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	
CC722	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC723	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC741	HCQK221JCA	C CHIP CERA	50V CH 220PF J 2012	
CC752	HCQK180JCA	C CHIP CERA	50V CH 18PF J 2012	
CC754	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
CC757	HCBK333KCA	C CHIP CERA	50V X7R 0.033MF K 2012	
CC777	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012	
CC778	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
CC821	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	
RC101	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC102	HRFT151JCA	R CHIP	1/10 150 OHM J 2012	
RC103	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012	
RC104	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RC105	HRFT122JCA	R CHIP	1/10 1.2K OHM J 2012	
RC106	HRFT201JCA	R CHIP	1/10 200 OHM J 2012	
RC107	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC201	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC203	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC207	HRFT203JCA	R CHIP	1/10 20K OHM J 2012	
RC209	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RC210	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RC216	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RC321	HRFT564JCA	R CHIP	1/10 560K OHM J 2012	
RC500	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
RC501	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	
RC503	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC505	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC506	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC508	HRFT331JCA	R CHIP	1/10 330 OHM J 2012	
RC509	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC519	HRFT822JCA	R CHIP	1/10 8.2K OHM J 2012	
RC523	HRFT224JCA	R CHIP	1/10 220K OHM J 2012	
RC525	HRFT331JCA	R CHIP	1/10 330 OHM J 2012	
RC530	HRFT181JCA	R CHIP	1/10 180 OHM J 2012	
RC534	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC536	HRFT221JCA	R CHIP	1/10 220 OHM J 2012	
RC539	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
RC550	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC551	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC557	HRFT153JCA	R CHIP	1/10 15K OHM J 2012	
RC574	HRFT303JCA	R CHIP	1/10 30K OHM J 2012	
RC595	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC597	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012	
RC599	HRFT104JCA	R CHIP	1/10 100K OHM J 2012	
RC600	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC601	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC603	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC604	HRFT392JCA	R CHIP	1/10 3.9K OHM J 2012	
RC605	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC609	HRFT243JCA	R CHIP	1/10 24K OHM J 2012	
RC619	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC630	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC632	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC634	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC635	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC639	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC640	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	
RC641	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC642	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC650	HRFT202JCA	R CHIP	1/10 2K OHM J 2012	
RC651	HRFT153JCA	R CHIP	1/10 15K OHM J 2012	
RC698	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC705	HRFT471JCA	R CHIP	1/10 470 OHM J 2012	
RC709	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC710	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC711	HRFT121JCA	R CHIP	1/10 120 OHM J 2012	
RC714	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RC728	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC732	HRFT621JCA	R CHIP	1/10 620 OHM J 2012	
RC733	HRFT621JCA	R CHIP	1/10 620 OHM J 2012	
RC734	HRFT621JCA	R CHIP	1/10 620 OHM J 2012	
RC735	HRFT621JCA	R CHIP	1/10 620 OHM J 2012	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
RC746	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC749	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
RC757	HRFT514JCA	R CHIP	1/10 510K OHM J 2012	
RC767	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RC779	HRFT101JCA	R CHIP	1/10 100 OHM J 2012	
RC780	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	
RC784	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RC798	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	
RC799	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	
ZZ200	PTMPJ0J936	PCB MAIN (RHU) AS	DTQ-29U8FC	
C303	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP	
C309	CEXF1V471V	C ELECTRO	35V RSS 470MF (10X20) TP	
C408	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP	
C410	CEXF2C101C	C ELECTRO	160V RUS 100MF (16X25) TP	
C411	CEXF2E100V	C ELECTRO	250V RSS 10MF (10X20) TP	
C415	CEXF1C102C	C ELECTRO	16V RUS 1000MF (10X20) TP	
C456	CEXF1C471C	C ELECTRO	16V RUS 470MF (10X12.5)TP	
C634	CEXF1E222V	C ELECTRO	25V RSS 2200MF (16X25) TP	
C805	CH1BEE472M	C CERA AC	U/C/V 2.5KV 4700PF TP	⚠
C806	CH1BEE472M	C CERA AC	U/C/V 2.5KV 4700PF TP	⚠
C810	CBXB3D471K	C CERA SEMI	2KV BL(N) 470PF K (T)	
C816	CEXF2A470V	C ELECTRO	100V RSS 47MF (10X16) TP	
C819	CBXB3D102K	C CERA SEMI	2KV BL(N) 1000PF K (T)	
C820	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP	
ZZ200	PTMPJBJ936	PCB MAIN M-10 AS	DTQ-29U8FC	
10	2TM18006BE	TAPE MASKING	6.2X500	
E001	4856310600	EYE LET	BSR T0.2 (R2.3)	
E002	4856310600	EYE LET	BSR T0.2 (R2.3)	
E003	4856310600	EYE LET	BSR T0.2 (R2.3)	
E004	4856310600	EYE LET	BSR T0.2 (R2.3)	
E005	4856310600	EYE LET	BSR T0.2 (R2.3)	
E006	4856310600	EYE LET	BSR T0.2 (R2.3)	
E007	4856310600	EYE LET	BSR T0.2 (R2.3)	
E008	4856310600	EYE LET	BSR T0.2 (R2.3)	
E009	4856310600	EYE LET	BSR T0.2 (R2.3)	
E010	4856310600	EYE LET	BSR T0.2 (R2.3)	
E011	4856310600	EYE LET	BSR T0.2 (R2.3)	
E012	4856310600	EYE LET	BSR T0.2 (R2.3)	
E013	4856310600	EYE LET	BSR T0.2 (R2.3)	
E014	4856310600	EYE LET	BSR T0.2 (R2.3)	
E015	4856310600	EYE LET	BSR T0.2 (R2.3)	
E016	4856310600	EYE LET	BSR T0.2 (R2.3)	
E017	4856310600	EYE LET	BSR T0.2 (R2.3)	
E018	4856310600	EYE LET	BSR T0.2 (R2.3)	
E019	4856310600	EYE LET	BSR T0.2 (R2.3)	
E020	4856310600	EYE LET	BSR T0.2 (R2.3)	
E021	4856310600	EYE LET	BSR T0.2 (R2.3)	
E022	4856310600	EYE LET	BSR T0.2 (R2.3)	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
E023	4856310600	EYE LET	BSR T0.2 (R2.3)	
E024	4856310600	EYE LET	BSR T0.2 (R2.3)	
E025	4856310600	EYE LET	BSR T0.2 (R2.3)	
E026	4856310600	EYE LET	BSR T0.2 (R2.3)	
E027	4856310600	EYE LET	BSR T0.2 (R2.3)	
E028	4856310600	EYE LET	BSR T0.2 (R2.3)	
E029	4856310600	EYE LET	BSR T0.2 (R2.3)	
E030	4856310600	EYE LET	BSR T0.2 (R2.3)	
E031	4856310600	EYE LET	BSR T0.2 (R2.3)	
E032	4856310600	EYE LET	BSR T0.2 (R2.3)	
E033	4856310300	EYE LET	BSR T0.2 (R1.6)	
E034	4856310300	EYE LET	BSR T0.2 (R1.6)	
E035	4856310300	EYE LET	BSR T0.2 (R1.6)	
E036	4856310300	EYE LET	BSR T0.2 (R1.6)	
E037	4856310300	EYE LET	BSR T0.2 (R1.6)	
E038	4856310300	EYE LET	BSR T0.2 (R1.6)	
E039	4856310300	EYE LET	BSR T0.2 (R1.6)	
E040	4856310300	EYE LET	BSR T0.2 (R1.6)	
E041	4856310300	EYE LET	BSR T0.2 (R1.6)	
E042	4856310300	EYE LET	BSR T0.2 (R1.6)	
E043	4856310300	EYE LET	BSR T0.2 (R1.6)	
E044	4856310300	EYE LET	BSR T0.2 (R1.6)	
E045	4856310300	EYE LET	BSR T0.2 (R1.6)	
E046	4856310300	EYE LET	BSR T0.2 (R1.6)	
E047	4856310300	EYE LET	BSR T0.2 (R1.6)	
E048	4856310300	EYE LET	BSR T0.2 (R1.6)	
E049	4856310300	EYE LET	BSR T0.2 (R1.6)	
E050	4856310300	EYE LET	BSR T0.2 (R1.6)	
E051	4856310300	EYE LET	BSR T0.2 (R1.6)	
E052	4856310300	EYE LET	BSR T0.2 (R1.6)	
E053	4856310300	EYE LET	BSR T0.2 (R1.6)	
E054	4856310300	EYE LET	BSR T0.2 (R1.6)	
E055	4856310300	EYE LET	BSR T0.2 (R1.6)	
E056	4856310300	EYE LET	BSR T0.2 (R1.6)	
E057	4856310300	EYE LET	BSR T0.2 (R1.6)	
E058	4856310300	EYE LET	BSR T0.2 (R1.6)	
E059	4856310300	EYE LET	BSR T0.2 (R1.6)	
E060	4856310300	EYE LET	BSR T0.2 (R1.6)	
E061	4856310300	EYE LET	BSR T0.2 (R1.6)	
E062	4856310300	EYE LET	BSR T0.2 (R1.6)	
E063	4856310300	EYE LET	BSR T0.2 (R1.6)	
E064	4856310300	EYE LET	BSR T0.2 (R1.6)	
E065	4856310300	EYE LET	BSR T0.2 (R1.6)	
E066	4856310300	EYE LET	BSR T0.2 (R1.6)	
E067	4856310300	EYE LET	BSR T0.2 (R1.6)	
E068	4856310300	EYE LET	BSR T0.2 (R1.6)	
E069	4856310300	EYE LET	BSR T0.2 (R1.6)	
E070	4856310300	EYE LET	BSR T0.2 (R1.6)	

ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
E071	4856310300	EYE LET	BSR T0.2 (R1.6)	
E072	4856310300	EYE LET	BSR T0.2 (R1.6)	
E079	4856310300	EYE LET	BSR T0.2 (R1.6)	
E080	4856310600	EYE LET	BSR T0.2 (R2.3)	
E081	4856310600	EYE LET	BSR T0.2 (R2.3)	
E082	4856310600	EYE LET	BSR T0.2 (R2.3)	
E083	4856310600	EYE LET	BSR T0.2 (R2.3)	
E084	4856310300	EYE LET	BSR T0.2 (R1.6)	
E085	4856310300	EYE LET	BSR T0.2 (R1.6)	
E086	4856310300	EYE LET	BSR T0.2 (R1.6)	
E087	4856310300	EYE LET	BSR T0.2 (R1.6)	
E090	4856310300	EYE LET	BSR T0.2 (R1.6)	
E091	4856310300	EYE LET	BSR T0.2 (R1.6)	
E092	4856310300	EYE LET	BSR T0.2 (R1.6)	
E095	4856310300	EYE LET	BSR T0.2 (R1.6)	
N001	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
N002	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
N003	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
N004	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
N007	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
N008	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
N012	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)	
P201	485923192S	CONN WAFER	YW025-06 (STICK)	
P401	485923202S	CONN WAFER	YW025-07 (STICK)	
P501	485923182S	CONN WAFER	YW025-05 (STICK)	
P601	485923172S	CONN WAFER	YW025-04 (STICK)	
R104	RS02Z472JS	R M-OXIDE FILM	2W 4.7K OHM J SMALL	
R306	RS02Z109JS	R M-OXIDE FILM	2W 1 OHM J SMALL	
R403	RS02Z100JS	R M-OXIDE FILM	2W 10 OHM J SMALL	
R407	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	
R408	RF01Z229J-	R FUSIBLE	1W 2.2 OHM J (TAPPING)	
R410	RF01Z229J-	R FUSIBLE	1W 2.2 OHM J (TAPPING)	
R416	RF02Z159J-	R FUSIBLE	2W 1.5 OHM J (TAPPING)	
R419	RF01Z229J-	R FUSIBLE	1W 2.2 OHM J (TAPPING)	
R495	RS02Z153JS	R M-OXIDE FILM	2W 15K OHM J SMALL	
R497	RS02Z100JS	R M-OXIDE FILM	2W 10 OHM J SMALL	
R810	RF01Z338K-	R FUSIBLE	1W 0.33 OHM K (TAPPING)	
R823	RS02Z223JS	R M-OXIDE FILM	2W 22K OHM J SMALL	
R824	RF02Z228K-	R FUSIBLE	2W 0.22 OHM K (TAPPING)	
R826	RS02Z240JS	R M-OXIDE FILM	2W 24 0HM J SMALL	
ZZ200	PTMPJRJ936	PCB MAIN RADIAL AS	DTQ-29U8FC	
C103	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C106	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C108	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C201	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C202	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	
C301	CMXM2A224J	C MYLAR	100V 0.22MF J	
C305	CMXB2A103J	C MYLAR	100V EU 0.01MF J (TP)	
C306	CMXM2A473J	C MYLAR	100V 0.047MF J (TP)	
C307	CEXD1H109Q	C ELECTRO	50V RT 1MF (6.3X11) TP	
C327	CMXM2A102J	C MYLAR	100V 1000PF J (TP)	
C328	CMXB2A103J	C MYLAR	100V EU 0.01MF J (TP)	
C402	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C404	CEXF2C109V	C ELECTRO	160V RSS 1MF (6.3X11) TP	
C412	CCXF2H103Z	C CERA	HIKF 500V 0.01MF Z	
C413	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP	
C414	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C420	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C421	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C459	CEXF2E229V	C ELECTRO	250V RSS 2.2MF (8X11.5)TP	
C501	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C503	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP	
C505	CEXF1H229C	C ELECTRO	50V RUS 2.2MF (5X11) TP	
C506	CEXF1H228V	C ELECTRO	50V RSS 0.22MF (5X11) TP	
C510	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C514	CMXL1J474J	C MYLAR	63V MEU 0.47MF J	
C517	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C519	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C520	CMXM2A393J	C MYLAR	100V 0.039MF J (TP)	
C522	CEXF1H228V	C ELECTRO	50V RSS 0.22MF (5X11) TP	
C523	CMXM2A822J	C MYLAR	100V 8200PF J (TP)	
C524	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	
C526	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C527	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C528	CEXF1C100V	C ELECTRO	RSS 16V 10MF 4*7	
C529	CMXL1J104J	C MYLAR	63V MEU 0.1MF J	
C530	CMXL1J104J	C MYLAR	63V MEU 0.1MF J	
C531	CEXF1H108V	C ELECTRO	50V RSS 0.1MF (5X11) TP	
C534	CMXM2A102J	C MYLAR	100V 1000PF J (TP)	
C535	CEXF1H228V	C ELECTRO	50V RSS 0.22MF (5X11) TP	
C538	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C539	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C548	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C550	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C551	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C589	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C590	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C592	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C593	CEXF1H228V	C ELECTRO	50V RSS 0.22MF (5X11) TP	
C594	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C597	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C599	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C601	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C603	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)	
C604	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C605	CEXF1H229C	C ELECTRO	50V RUS 2.2MF (5X11) TP	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
C606	CMXB2A103J	C MYLAR	100V EU 0.01MF J (TP)	
C607	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)	
C610	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)	
C611	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C613	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)	
C616	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C619	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C621	CMXM2A152J	C MYLAR	100V 1500PF J (TP)	
C622	CMXM2A152J	C MYLAR	100V 1500PF J (TP)	
C623	CMXL1J104J	C MYLAR	63V MEU 0.1MF J	
C624	CMXL1J104J	C MYLAR	63V MEU 0.1MF J	
C625	CMXL1J104J	C MYLAR	63V MEU 0.1MF J	
C626	CMXL1J104J	C MYLAR	63V MEU 0.1MF J	
C627	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C632	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C638	CEXF1H339V	C ELECTRO	50V RSS 3.3MF (5X11) TP	
C639	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C640	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C644	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C647	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C651	CEXF1H229C	C ELECTRO	50V RUS 2.2MF (5X11) TP	
C653	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C669	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C690	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C703	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C704	CEXF1H229C	C ELECTRO	50V RUS 2.2MF (5X11) TP	
C705	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
C706	CEXF1H228V	C ELECTRO	50V RSS 0.22MF (5X11) TP	
C709	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	
C779	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C807	CCXB1H821K	C CERA	50V B 820PF K (TAPPING)	
C808	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C814	CXSL2H470J	C CERA	500V SL 47PF J (TAPPING)	
C818	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)	
C822	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C825	CEXF1H229C	C ELECTRO	50V RUS 2.2MF (5X11) TP	
C829	CEXF1H470C	C ELECTRO	50V RUS 47MF (6.3X11) TP	
C830	CCXB1H152K	C CERA	50V B 1500PF K (TAPPING)	
C832	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP	
C833	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
C834	CMXM2A273J	C MYLAR	100V 0.027MF J (TP)	
C862	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
CF01	CEXF1C470C	C ELECTRO	16V RUS 47MF (5X11) TP	
F801A	4857415001	CLIP FUSE	PFC5000-0702	
F801B	4857415001	CLIP FUSE	PFC5000-0702	
L101	5CPX478M—	COIL PEAKING	0.47UH M RADIAL	
L805	58C0000096	COIL CHOKE	610G0233(470K)	
L809	58C0000096	COIL CHOKE	610G0233(470K)	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
Q101	TKTC3198Y-	TR	KTC3198Y	
Q201	TKTC3198Y-	TR	KTC3198Y	
Q301	TKTA1266Y-	TR	KTA1266Y (TP)	
Q302	TKTC3198Y-	TR	KTC3198Y	
Q303	TKTA1266Y-	TR	KTA1266Y (TP)	
Q501	TKTC3198Y-	TR	KTC3198Y	
Q502	TKTC3198Y-	TR	KTC3198Y	
Q601	TKTC3198Y-	TR	KTC3198Y	
Q602	TKTC3198Y-	TR	KTC3198Y	
Q603	TKTA1266Y-	TR	KTA1266Y (TP)	
Q704	TKTA1266Y-	TR	KTA1266Y (TP)	
Q705	TKTA1266Y-	TR	KTA1266Y (TP)	
Q706	TKTC3198Y-	TR	KTC3198Y	
Q730	TKTC3198Y-	TR	KTC3198Y	
Q740	TKTC3198Y-	TR	KTC3198Y	
Q802	TKTC3198Y-	TR	KTC3198Y	
Q803	TKTC3198Y-	TR	KTC3198Y	
Q804	TKTC3198Y-	TR	KTC3198Y	
Q813	TKTC3207—	TR	KTC3207 (TP)	
R308	RN02B471JS	R METAL FILM	2W 470 OHM J SMALL	
R309	RN02B271JS	R METAL FILM	2W 270 OHM J SMALL	
R310	RN02B102JS	R METAL FILM	2W 1K OHM J SMALL	
R315	RN01B272JS	R METAL FILM	1W 2.7K OHM J SMALL	
R316	RN01B562JS	R METAL FILM	1W 5.6K OHM J SMALL	
R320	RN01B750JS	R METAL FILM	1W 75 OHM J SMALL	
R402	RN02B103JS	R METAL FILM	2W 10K OHM J SMALL	
R425	RN02B752JS	R METAL FILM	2W 7.5K OHM J SMALL	
R499	RN02B221JS	R METAL FILM	2W 220 OHM J SMALL	
R642	RN02B910JS	R METAL FILM	2W 91 OHM J SMALL	
R643	RN02B680JS	R METAL FILM	2W 68 OHM J SMALL	
R652	RN02B200JS	R METAL FILM	2W 20 OHM J SMALL	
R653	RN02B200JS	R METAL FILM	2W 20 OHM J SMALL	
R814	RN02B102JS	R METAL FILM	2W 1K OHM J SMALL	
R818	RN02B472JS	R METAL FILM	2W 4.7K OHM J SMALL	
R828	RN02B100JS	R METAL FILM	2W 10 OHM J SMALL	
SW702	5S50101090	SW TACT	THVH472GCA	
SW703	5S50101090	SW TACT	THVH472GCA	
SW704	5S50101090	SW TACT	THVH472GCA	
SW705	5S50101090	SW TACT	THVH472GCA	
SW706	5S50101090	SW TACT	THVH472GCA	
X501	5XEX4R436C	CRYSTAL QUARTZ	HC-49U 4.433619M 20PP TA	
ZZ200	PTMPJAJ936	PCB MAIN AXIAL AS	DTQ-29U8FC	
10	2TM14006LB	TAPE MASKING	3M #232 6.0X2000M	
20	2TM10006LB	TAPE MASKING	3M #232-MAP-C 6.2X2000M	
A001	4859814491	PCB MAIN	330X246 SIB	
C304	CCZB1H181K	C CERA	50V B 180PF K (AXIAL)	
C511	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C512	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
C513	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C533	CCZF1H103Z	C CERA	50V F 0.01MF Z	
C536	CZCH1H100J	C CERA	50V CH 10PF J	
C595	CCZB1H820K	C CERA	50V B 82PF K (AXIAL)	
C598	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
C618	CZSL1H470J	C CERA	50V SL 47PF J (AXIAL)	
C710	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
D102	DUZ33B——	DIODE ZENER	UZ-33B	
D200	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D201	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
D203	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D212	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
D301	D1N4004S—	DIODE	1N4004S	
D302	D1N4937G—	DIODE	1N4937G (TAPPING)	
D403	D1N4937G—	DIODE	1N4937G (TAPPING)	
D404	D1N4937G—	DIODE	1N4937G (TAPPING)	
D405	D1N4148—-	DIODE	1N4148 (TAPPING)	
D406	DRGP15J—-	DIODE	RGP15J	
D413	DUZ9R1BM—	DIODE ZENER	UZ-9.1BM	
D482	DUZ9R1BM—	DIODE ZENER	UZ-9.1BM	⚠
D488	D1N4937G—	DIODE	1N4937G (TAPPING)	
D497	D1N4937G—	DIODE	1N4937G (TAPPING)	
D500	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D501	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D503	D1N4148—-	DIODE	1N4148 (TAPPING)	
D506	D1N4148—-	DIODE	1N4148 (TAPPING)	
D603	D1N4148—-	DIODE	1N4148 (TAPPING)	
D605	DUZ8R2BM—	DIODE ZENER	UZ-8.2BM	
D607	D1N4148—-	DIODE	1N4148 (TAPPING)	
D609	D1N4148—-	DIODE	1N4148 (TAPPING)	
D610	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D612	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D660	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D699	D1N4148—-	DIODE	1N4148 (TAPPING)	
D704	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D705	D1N4148—-	DIODE	1N4148 (TAPPING)	
D706	DUZ3R9B—-	DIODE ZENER	UZ-3.9B	
D714	D1N4148—-	DIODE	1N4148 (TAPPING)	
D779	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D803	D1N4937G—	DIODE	1N4937G (TAPPING)	
D804	D1N4937G—	DIODE	1N4937G (TAPPING)	
D805	D1N4937G—	DIODE	1N4937G (TAPPING)	
D807	D1N4937G—	DIODE	1N4937G (TAPPING)	
D808	D1N4937G—	DIODE	1N4937G (TAPPING)	
D812	D1N4937G—	DIODE	1N4937G (TAPPING)	
D814	D1N4937G—	DIODE	1N4937G (TAPPING)	
D816	D1N4148—-	DIODE	1N4148 (TAPPING)	
DF02	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
J001	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J002	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J003	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J004	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J005	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J006	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J007	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J008	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J009	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J010	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J011	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J012	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J013	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J014	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J015	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J016	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J018	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J019	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J020	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J022	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J023	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J024	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J025	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J026	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J027	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J028	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J029	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J030	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J031	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J032	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J033	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J034	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J035	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J036	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J038	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J039	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J040	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J041	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J042	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J043	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J044	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J045	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J046	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J047	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J048	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J049	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J050	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J051	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK	LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
J052	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J100	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J053	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J101	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J054	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J102	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J055	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J103	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J056	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J104	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J057	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J105	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J058	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J106	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J059	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J107	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J060	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J108	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J061	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J109	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J062	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J110	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J063	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J111	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J064	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J112	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J065	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J113	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J066	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J114	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J067	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J115	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J068	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J116	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J069	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J117	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J070	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J118	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J071	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J119	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J072	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J120	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J073	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J121	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J074	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J122	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J075	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J123	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J076	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J124	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J077	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J125	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J078	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J126	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J079	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J127	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J080	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J128	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J081	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J129	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J082	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J130	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J083	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J131	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J084	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J132	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J085	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J133	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J086	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J134	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J087	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J135	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J088	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J136	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J089	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J137	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J090	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J138	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J091	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J139	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J092	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J140	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J093	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J141	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J094	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J142	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J095	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J143	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J096	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J144	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J097	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J145	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J098	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J146	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J099	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J147	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
J148	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
L102	5CPZ569K04	COIL PEAKING	5.6UH K (AXIAL 10.5MM)	
L406	5MC0000100	COIL BEAD	HC-3550	
L501	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L502	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L504	5CPZ569K04	COIL PEAKING	5.6UH K (AXIAL 10.5MM)	
L505	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L507	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L533	5CPZ150K02	COIL PEAKING	15UH K (AXIAL 3.5MM)	
L595	CZCH1H120J	C CERA	50V CH 12PF J (AXIAL)	
L598	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L599	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L601	5CPZ560K02	COIL PEAKING	56UH K (AXIAL 3.5MM)	
L602	5CPZ150K02	COIL PEAKING	15UH K (AXIAL 3.5MM)	
L603	5CPZ470K04	COIL PEAKING	47UH 10.5MM K (LAL04TB)	
L701	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
L802	5MC0000100	COIL BEAD	HC-3550	
L803	5MC0000100	COIL BEAD	HC-3550	
L804	5MC0000100	COIL BEAD	HC-3550	
L807	5MC0000100	COIL BEAD	HC-3550	
L808	5MC0000100	COIL BEAD	HC-3550	
R110	RD-AZ680J-	R CARBON FILM	1/6 68 OHM J	
R116	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R117	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R202	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J	
R204	RD-AZ680J-	R CARBON FILM	1/6 68 OHM J	
R205	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R218	RD-2Z151J-	R CARBON FILM	1/2 150 OHM J	
R301	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R302	RD-AZ514J-	R CARBON FILM	1/6 510K OHM J	
R303	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R304	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	
R305	RD-AZ363J-	R CARBON FILM	1/6 36K OHM J	
R307	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R311	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J	
R312	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R313	RD-4Z153J-	R CARBON FILM	1/4 15K OHM J	
R314	RD-4Z362J-	R CARBON FILM	1/4 3.6K OHM J	
R319	RD-4Z752J-	R CARBON FILM	1/4 7.5K OHM J	
R406	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J	
R413	RN-4Z1802F	R METAL FILM	1/4 18.0K OHM F	⚠
R414	RN-4Z1602F	R METAL FILM	1/4 16.0K OHM F	⚠
R420	RD-4Z203J-	R CARBON FILM	1/4 20K OHM J	
R444	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R449	RD-AZ151J-	R CARBON FILM	1/6 150 OHM J	
R471	RD-4Z220J-	R CARBON FILM	1/4 22 OHM J	
R482	RD-2Z470J-	R CARBON FILM	1/2 47 OHM J	
R507	RD-AZ564J-	R CARBON FILM	1/6 560K OHM J	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
R508	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R510	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R511	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R512	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R514	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
R515	RN-AZ5601F	R METAL FILM	1/6 5.6K OHM F	
R517	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	
R518	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R520	RD-4Z331J-	R CARBON FILM	1/4 330 OHM J	
R521	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R522	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R524	RD-4Z271J-	R CARBON FILM	1/4 270 OHM J	
R529	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R534	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R535	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R539	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R594	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R595	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
R602	RD-AZ224J-	R CARBON FILM	1/6 220K OHM J	
R607	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R609	RD-AZ681J-	R CARBON FILM	1/6 680 OHM J	
R610	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R631	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R637	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R638	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	
R644	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R645	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R646	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R647	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R648	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
R649	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
R650	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	
R651	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
R703	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R704	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R706	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R707	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R713	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R714	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R715	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R717	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R718	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R720	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R721	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
R722	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	
R723	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R730	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R735	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
R736	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R737	RD-AZ681J-	R CARBON FILM	1/6 680 OHM J	
R738	RD-AZ681J-	R CARBON FILM	1/6 680 OHM J	
R739	RD-AZ681J-	R CARBON FILM	1/6 680 OHM J	
R741	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R742	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
R743	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
R744	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
R745	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R748	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
R749	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R755	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	
R760	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R769	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
R770	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R771	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R775	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R776	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	
R777	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	
R778	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R779	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R790	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R797	RD-AZ361J-	R CARBON FILM	1/6 360 OHM J	
R803	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R804	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J	
R805	RD-2Z242J-	R CARBON FILM	1/2 2.4K OHM J	
R806	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R808	RD-4Z681J-	R CARBON FILM	1/4 680 OHM J	
R809	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R811	RD-4Z363J-	R CARBON FILM	1/4 36K OHM J	
R812	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R813	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J	
R816	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R817	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R819	RD-AZ682J-	R CARBON FILM	1/6 6.8K OHM J	
R821	RD-2Z105J-	R CARBON FILM	1/2 1M OHM J	
R827	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R829	RD-4Z622J-	R CARBON FILM	1/4 6.2K OHM J	
R830	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R831	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R833	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R834	RD-4Z109J-	R CARBON FILM	1/4 1 OHM J	
R888	RC-2Z225KP	R CARBON COMP	1/2 2.2M OHM K	⚠
RF11	RD-AZ240J-	R CARBON FILM	1/6 24 OHM J	
ZZ600	PTCPMSJ904	PCB CRT MANUAL AS	DTQ-29U8	
I901	PTB2SW5403	HEAT SINK ASS`Y	1TEA5101B- + 7174300811	
I901	1TEA5101B-	IC VIDEO AMP	TEA5101B	®
I901A	4857025403	HEAT SINK	AL050P-H24 T=2	
I901B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
M684	4856812001	TIE CABLE	NYLON66 DA100	
P903	4859238620	CONN WAFER	YPW500-02	
P904	4859205620	CONN WAFER	LW-0640-03	
PA401	4850707S02	CONNECTOR	YH025-07+YST025+ULW=400	
PA501	4850705S12	CONNECTOR	YH025-05+YST025+ULW=500	
Q908	PTE2SW6901	HEAT SINK ASS`Y	TKTA1659Y- + 7174300811	
00001	TKTA1659AY	TR	KTA1659AY	®
0000A	4857026901	HEAT SINK	AL EX BK	®
0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	®
Q909	PTB2SW6900	HEAT SINK ASS`Y	TKTC4370Y- + 7174300811	®
0000A	4857026900	HEAT SINK	AL EX	®
0000B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	®
001—	TKTC4370AY	TR	KTC4370AY	®
R951	RS01Z331J-	R M-OXIDE FILM	1W 330 OHM J (TAPPING)	®
SCT1	4859302830	SOCKET CRT	ISH-02S	⚠
ZZ200	PTCPJ0J904	PCB CRT ODD SHAPE AS	DTQ-29U8	
C907	CEXF2E100V	C ELECTRO	250V RSS 10MF (10X20) TP	
C908	CEXF2E100V	C ELECTRO	250V RSS 10MF (10X20) TP	
C909	CH1BEE472M	C CERA AC	U/C/V 2.5KV 4700PF TP	⚠
C941	CEXF2C470V	C ELECTRO	160V RSS 47MF (13X25) TP	
C942	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP	
C943	CEXF2C470V	C ELECTRO	160V RSS 47MF (13X25) TP	
C945	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP	
ZZ200	PTCPJBJ904	PCB CRT M-10 AS	DTQ-29U8	
R904	RS01Z683J-	R M-OXIDE FILM	1W 68K OHM J (TAPPING)	
R907	RS01Z683J-	R M-OXIDE FILM	1W 68K OHM J (TAPPING)	
R910	RS01Z683J-	R M-OXIDE FILM	1W 68K OHM J (TAPPING)	
R954	RF01Z229J-	R FUSIBLE	1W 2.2 OHM J (TAPPING)	
R956	RS02Z102JS	R M-OXIDE FILM	2W 1K OHM J SMALL	
ZZ200	PTCPJRJ904	PCB CRT RADIAL AS	DTQ-29U8	
C901	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
C902	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
C904	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C905	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C906	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)	
C915	CMXM2A822J	C MYLAR	100V 8200PF J (TP)	
C916	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	
C920	CEXF1E470C	C ELECTRO	25V RUS 47MF (5X11) TP	
C922	CCXB1H472K	C CERA	50V B 4700PF K (TAPPING)	
C923	CCXB1H472K	C CERA	50V B 4700PF K (TAPPING)	
C944	CXSL2H470J	C CERA	500V SL 47PF J (TAPPING)	
C946	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C947	CMXL2E104K	C MYLAR	250V MEU 0.1MF K	
G901	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
G902	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
G903	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
Q902	TKTC3198Y-	TR	KTC3198Y	

LOC	PART CODE	PART NAME	PART DESCRIPTION	REMARK
Q903	TKTC3198Y-	TR	KTC3198Y	
Q904	TKTC3198Y-	TR	KTC3198Y	
Q905	TKTC3198Y-	TR	KTC3198Y	
Q906	TKTC3198Y-	TR	KTC3198Y	
Q907	TKTA1266Y-	TR	KTA1266Y (TP)	
Q910	TKTA1266Y-	TR	KTA1266Y (TP)	
R903	RN02B240JS	R METAL FILM	2W 24 OHM J SMALL	
R953	RN02B221JS	R METAL FILM	2W 220 OHM J SMALL	
ZZ200	PTCPJAJ904	PCB CRT AXIAL AS	DTQ-29U8	
A001	4859828413	PCB CRT	165X113(330X246/2X2) SIB	
C917	CCZB1H561K	C CERA	50V B 560PF K	
C918	CCZF1H103Z	C CERA	50V F 0.01MF Z	
C919	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
C921	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
C924	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
D904	DLT2A05G—	DIODE	LT2A05G (TP)	®
D905	DUZ12BM—-	DIODE ZENER	UZ-12BM (UNIZON)	
D906	D1N4148—-	DIODE	1N4148 (TAPPING)	
D907	D1N4148—-	DIODE	1N4148 (TAPPING)	
D908	D1N4148—-	DIODE	1N4148 (TAPPING)	
D909	D1N4148—-	DIODE	1N4148 (TAPPING)	
D910	D1N4148—-	DIODE	1N4148 (TAPPING)	
D911	D1N4004S—	DIODE	1N4004S	
D912	D1N4004S—	DIODE	1N4004S	
D913	DUZ9R1BM—	DIODE ZENER	UZ-9.1BM	
D914	D1N4148—-	DIODE	1N4148 (TAPPING)	
D915	D1N4148—-	DIODE	1N4148 (TAPPING)	
D916	D1N4148—-	DIODE	1N4148 (TAPPING)	
D917	D1N4148—-	DIODE	1N4148 (TAPPING)	
D918	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D919	DMTZJ5R6B-	DIODE ZENER	MTZJ 5.6B	
D920	D1N4937G—	DIODE	1N4937G (TAPPING)	
D921	D1N4937G—	DIODE	1N4937G (TAPPING)	
D922	D1N4937G—	DIODE	1N4937G (TAPPING)	
J901	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J902	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J904	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J906	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J907	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J908	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J910	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J913	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J914	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J915	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J916	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J918	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J922	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
L901	5MC0000100	COIL BEAD	HC-3550	
L902	5MC0000100	COIL BEAD	HC-3550	
L903	5MC0000100	COIL BEAD	HC-3550	
R905	RD-AZ911J-	R CARBON FILM	1/6 910 OHM J	
R906	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J	
R908	RD-AZ911J-	R CARBON FILM	1/6 910 OHM J	
R909	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J	
R911	RD-AZ911J-	R CARBON FILM	1/6 910 OHM J	
R912	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J	
R913	RD-AZ751J-	R CARBON FILM	1/6 750 OHM J	
R914	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R915	RD-AZ751J-	R CARBON FILM	1/6 750 OHM J	
R916	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R917	RD-AZ751J-	R CARBON FILM	1/6 750 OHM J	
R918	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R919	RC-2Z102K-	R CARBON COMP	1/2 1K OHM K	
R920	RC-2Z102K-	R CARBON COMP	1/2 1K OHM K	
R921	RC-2Z102K-	R CARBON COMP	1/2 1K OHM K	
R922	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J	
R924	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R925	RD-AZ471J-	R CARBON FILM	1/6 470 OHM J	
R926	RD-2Z471J-	R CARBON FILM	1/2 470 OHM J	
R927	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	
R928	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R929	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	
R930	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	
R932	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
R933	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J	
R934	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J	
R935	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J	
R936	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R937	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	
R938	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J	
R939	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	
R940	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
R941	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
R942	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	
R943	RD-AZ683J-	R CARBON FILM	1/6 68K OHM J	
R944	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	
R945	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
R946	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
R947	RD-4Z620J-	R CARBON FILM	1/4 62 OHM J	
R948	RD-2Z279J-	R CARBON FILM	1/2 2.7 OHM J	
R950	RD-2Z279J-	R CARBON FILM	1/2 2.7 OHM J	
R952	RD-4Z620J-	R CARBON FILM	1/4 62 OHM J	
R955	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	
R957	RD-4Z105J-	R CARBON FILM	1/4 1M OHM J	
R958	RD-2Z102J-	R CARBON FILM	1/2 1K OHM J	
R959	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	

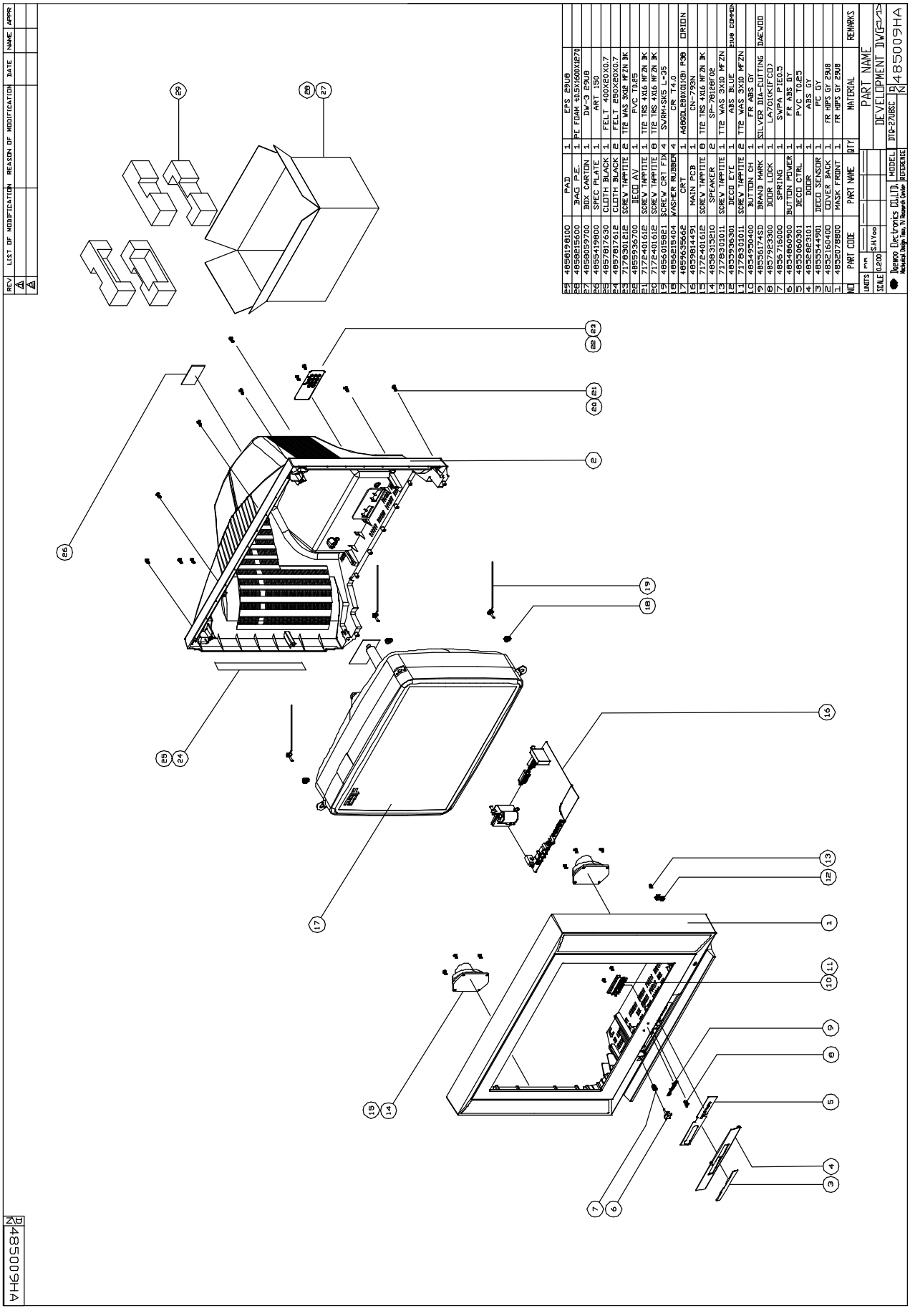
1. DIFFERENT RARTS LIST (DTQ-29U8SC VS DTQ-29U8SS)

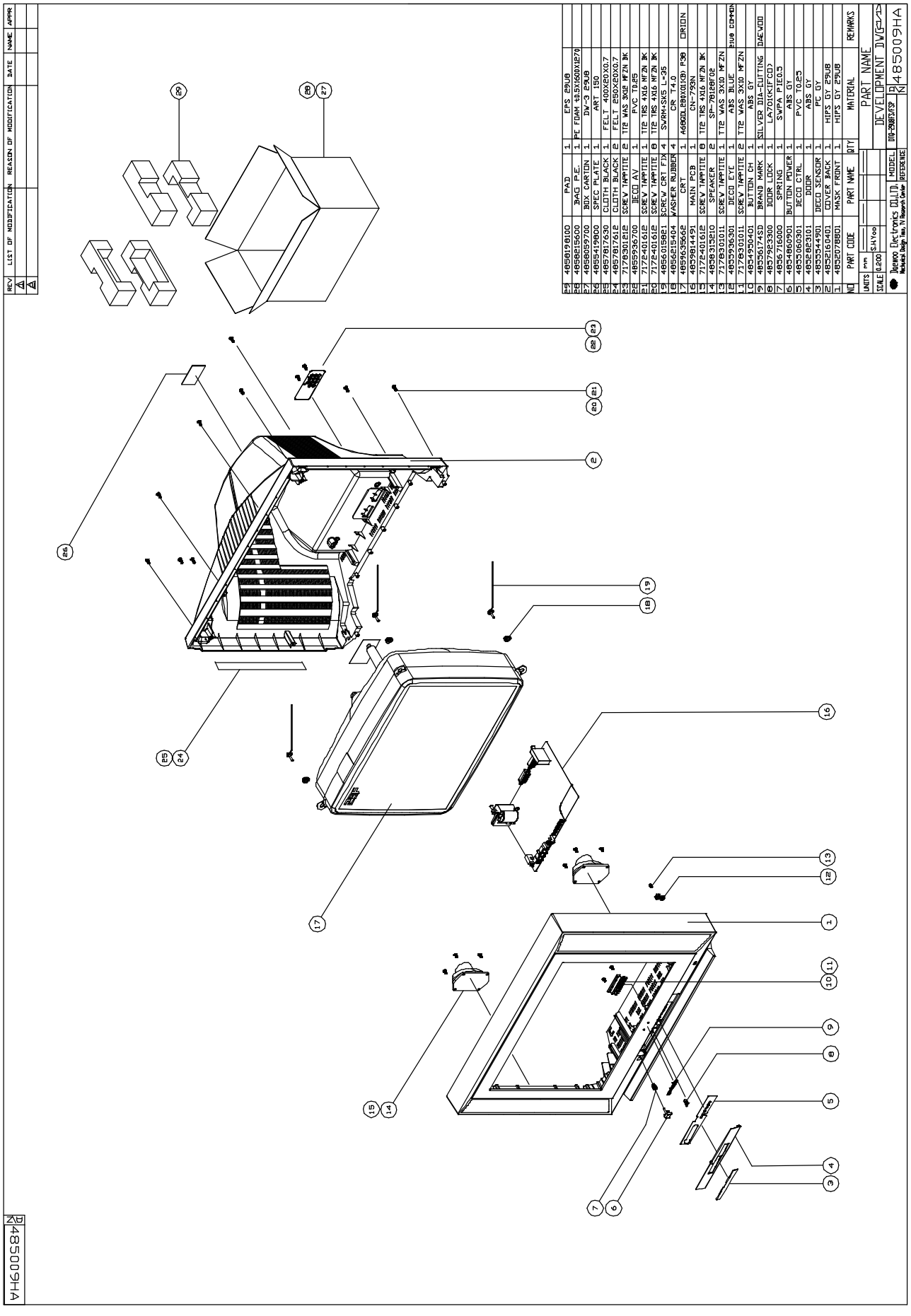
L/C	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	DTQ-29U8SC	DTQ-29U8SS
10	TAPE MASKING	2TM18006BE	6.2X500	PTMPJBJ936	
10	TAPE MASKING	2TM18006BE	6.2X500		PTMPJBJ937
M201	MASK FRONT	4852078800	FR HIPS GY 29U8	PTFMSJJ936	
M201	MASK FRONT	4852078801	HIPS GY 29U8		PTFMSJJ937
M211	COVER BACK	4852160400	FR HIPS GY 29U8	PTBCSHJ936	
M211	COVER BACK	4852160401	HIPS GY 29U8		PTBCSHJ904
M481	BUTTON POWER	4854860900	FR ABS GY 29U8	PTFMSJJ936	
M481	BUTTON POWER	4854860901	ABS GY 29U8		PTFMSJJ937
M491	BUTTON CH	4854950400	FR ABS GY 29U8	PTFMSJJ936	
M491	BUTTON CH	4854950401	ABS GY 29U8		PTFMSJJ937
PWC1	CORD POWER AS	4859907810	ME301P+TER=2100	PTMPMSJ936	
PWC1	CORD POWER AS	4859902710	KJ-10+SPT-2+YPT018=2100		PTMPMSJ937
R638	R CARBON FILM	RD-AZ182J-	1/6 1.8K OHM J	PTMPJAJ936	
R638	R CARBON FILM	RD-AZ242J-	1/6 2.4K OHM J		PTMPJAJ937
R650	R CARBON FILM	RD-AZ182J-	1/6 1.8K OHM J	PTMPJAJ936	
R650	R CARBON FILM	RD-AZ242J-	1/6 2.4K OHM J		PTMPJAJ937
V901	CRT	4859635261	A68QDL280X011(B) P45	PTCACAJ948	
V901	CRT	4859635263	A68QDL280X011(B) P23		PTCACAJ949
ZZ110	ACCESSORY AS	PTACPWJ936	DTQ-29U8FC	DTQ-29U8SC	
ZZ110	ACCESSORY AS	PTACPWJ937	DTQ-29U8FS		DTQ-29U8SS
ZZ120	COVER BACK AS	PTBCSHJ936	DTQ-29U8FC	DTQ-29U8SC	
ZZ120	COVER BACK AS	PTBCSHJ904	DTQ-29U8		DTQ-29U8SS
ZZ140	CABINET AS	PTCACAJ948	DTQ-29U8SC	DTQ-29U8SC	
ZZ140	CABINET AS	PTCACAJ949	DTQ-29U8SS		DTQ-29U8SS
ZZ200	MASK FRONT AS	PTFMSJJ936	DTQ-29U8FC	PTCACAJ948	
ZZ200	PCB MAIN M-10 AS	PTMPJBJ936	DTQ-29U8FC	PTMPJ0J936	
ZZ200	PCB MAIN (RHU) AS	PTMPJ0J936	DTQ-29U8FC	PTMPJ2J936	
ZZ200	PCB MAIN RADIAL AS	PTMPJRJ936	DTQ-29U8FC	PTMPJBJ936	
ZZ200	PCB MAIN AXIAL AS	PTMPJAJ936	DTQ-29U8FC	PTMPJRJ936	
ZZ200	PCB CHIP MOUNT B AS	PTMPJ2J936	DTQ-29U8FC	PTMPMSJ936	
ZZ200	MASK FRONT AS	PTFMSJJ937	DTQ-29U8FS		PTCACAJ949
ZZ200	PCB MAIN M-10 AS	PTMPJBJ937	DTQ-29U8FS		PTMPJ0J937
ZZ200	PCB MAIN (RHU) AS	PTMPJ0J937	DTQ-29U8FS		PTMPJ2J937
ZZ200	PCB MAIN RADIAL AS	PTMPJRJ937	DTQ-29U8FS		PTMPJBJ937
ZZ200	PCB MAIN AXIAL AS	PTMPJAJ937	DTQ-29U8FS		PTMPJRJ937
ZZ200	PCB CHIP MOUNT B AS	PTMPJ2J937	DTQ-29U8FS		PTMPMSJ937
ZZ290	PCB MAIN MANUAL AS	PTMPMSJ936	DTQ-29U8FC	PTCACAJ948	
ZZ290	PCB MAIN MANUAL AS	PTMPMSJ937	DTQ-29U8FS		PTCACAJ949

L/C	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	DTQ-29U8SC	DTQ-29U8SSP
00001	IC POWER	1STRF6626-	STR-F6626	PTM2SW8210	
00001	IC SMPS	1STRF6654-	STR-F6654		PTK2SW8210
0000A	HEAT SINK	4857028210	AL EX	PTM2SW8210	
0000A	HEAT SINK	4857028210	AL EX		PTK2SW8210
0000B	SCREW TAPPTITE	7174301011	TT2 RND 3X10 MFZN	PTM2SW8210	
0000B	SCREW TAPPTITE	7174301011	TT2 RND 3X10 MFZN		PTK2SW8210
10	TAPE MASKING	2TM14006LB	3M #232 6.0X2000M	PTMPJAJ936	
10	TAPE MASKING	2TM18006BE	6.2X500	PTMPJBJ936	
10	TAPE MASKING	2TM14006LB	3M #232 6.0X2000M		PTMPJAJ938
10	TAPE MASKING	2TM18006BE	6.2X500		PTMPJBJ938
20	TAPE MASKING	2TM10006LB	3M #232-MAP-C 6.2X2000M	PTMPJAJ936	
20	TAPE MASKING	2TM10006LB	3M #232-MAP-C 6.2X2000M		PTMPJAJ938
C804	C ELECTRO	CEYD2D681D	200V FHS 680MF (25X40)	PTMPMSJ936	
C804	C ELECTRO	CEYN2G181P	400V LHS 180MF (25X35)		PTMPMSJ938
C809	C CERA AC	CH1BFE472M	AC400V 4700PF M U/C/V	PTMPMSJ936	
C834	C MYLAR	CMXM2A273J	100V 0.027MF J (TP)	PTMPJRJ936	
C834	C MYLAR	CMXM2A102J	100V 1000PF J (TP)		PTMPJRJ938
C888	C CERA AC	CH1BFE472M	AC400V 4700PF M U/C/V	PTMPMSJ936	
C889	C CERA AC	CH1BFE472M	AC400V 4700PF M U/C/V		PTMPMSJ938
D801	DIODE BRIDGE	DPBS606GU-	PBS606G	PTC1SW8902	
D801	HEAT SINK ASS`Y	PTC1SW8902	DPBS606GU- + 7174300811	PTMPMSJ936	
D801	DIODE BRIDGE	DPBS606GU-	PBS606G		PTMPMSJ938
D801A	HEAT SINK	4857018902	A1050P-H24	PTC1SW8902	
D801B	SCREW TAPPTITE	7174300811	TT2 RND 3X8 MFZN	PTC1SW8902	
F801	FUSE GLASS TUBE	5F1GB6321L	UL/CSA TL 6.3A 125V MF51	PTMPMSJ936	
F801	FUSE GLASS TUBE	5FKGB4022R	KS MF51 4A 250V NR		PTMPMSJ938
I801	HEAT SINK ASS`Y	PTM2SW8210	1STRF6626- + 7174301011	PTMPMSJ936	
I801	HEAT SINK ASS`Y	PTK2SW8210	1STRF6654- + 7174301011		PTMPMSJ938
M201	MASK FRONT	4852078800	FR HIPS GY 29U8	PTFMSJJ936	
M201	MASK FRONT	4852078801	HIPS GY 29U8		PTFMSJJ938
M211	COVER BACK	4852160400	FR HIPS GY 29U8	PTBCSHJ936	
M211	COVER BACK	4852160401	HIPS GY 29U8		PTBCSHJ904
M481	BUTTON POWER	4854860900	FR ABS GY 29U8	PTFMSJJ936	
M481	BUTTON POWER	4854860901	ABS GY 29U8		PTFMSJJ938
M491	BUTTON CH	4854950400	FR ABS GY 29U8	PTFMSJJ936	
M491	BUTTON CH	4854950401	ABS GY 29U8		PTFMSJJ938
PWC1	CORD POWER AS	4859907810	ME301P+TER=2100	PTMPMSJ936	
PWC1	CORD POWER AS	4859908410	MP229+H03VVH2-F+TER=2100		PTMPMSJ938
R638	R CARBON FILM	RD-AZ182J-	1/6 1.8K OHM J	PTMPJAJ936	
R638	R CARBON FILM	RD-AZ242J-	1/6 2.4K OHM J		PTMPJAJ938
R650	R CARBON FILM	RD-AZ182J-	1/6 1.8K OHM J	PTMPJAJ936	

L/C	PARTS NAME	PARTS CODE	PARTS DESCRIPTION	DTQ-29U8SC	DTQ-29U8SSP
R650	R CARBON FILM	RD-AZ242J-	1/6 2.4K OHM J		PTMPJAJ938
R801	POSISTOR	DDB3R0M140	ECPBD3R0M140	PTMPMSJ936	
R801	POSISTOR	DDB7R0M290	ECPBD7R0M290		PTMPMSJ938
R802	R CEMENT	RX10T109KS	10W 1 OHM K TRIPOD SMALL	PTMPMSJ936	
R802	R CEMENT	RX10T229KS	10W 2.2 OHM K TRIPOD SMAL		PTMPMSJ938
R805	R CARBON FILM	RD-2Z242J-	1/2 2.4K OHM J	PTMPJAJ936	
R805	R CARBON FILM	RD-2Z272J-	1/2 2.7K OHM J		PTMPJAJ938
R807	R CARBON COMP	RC-2Z565KP	1/2 5.6M OHM K		PTMPJAJ938
R823	R M-OXIDE FILM	RS02Z223JS	2W 22K OHM J SMALL	PTMPJBJ936	
R823	R M-OXIDE FILM	RS02Z153JS	2W 15K OHM J SMALL		PTMPJBJ938
R825	R METAL FLAT	RM02Y108K-	2W 0.1 OHM K	PTMPMSJ936	
R825	R METAL FLAT	RM02Y158J-	2W 0.15 OHM J		PTMPMSJ938
R831	WIRE COPPER	85801065GY	AWG22 1/0.65 TIN COATING	PTMPJAJ936	
R831	R M-OXIDE FILM	RS02Z153JS	2W 15K OHM J SMALL		PTMPJBJ938
R832	R CARBON FILM	RD-4Z912J-	1/4 9.1K OHM J		PTMPJAJ938
R888	R CARBON COMP	RC-2Z225KP	1/2 2.2M OHM K	PTMPJAJ936	
V901	CRT	4859635261	A68QDL280X011(B) P45	PTCACAJ948	
V901	CRT	4859635267	A68QDL280X011(B) M16		PTCACAJ950
ZZ110	ACCESSORY AS	PTACPWJ936	DTQ-29U8FC	DTQ-29U8SC	
ZZ110	ACCESSORY AS	PTACPWJ937	DTQ-29U8FS		DTQ-29U8SSP
ZZ120	COVER BACK AS	PTBCSHJ936	DTQ-29U8FC	DTQ-29U8SC	
ZZ120	COVER BACK AS	PTBCSHJ904	DTQ-29U8		DTQ-29U8SSP
ZZ131	COIL DEGAUSSING	58G0000143	DC-29S1	DTQ-29U8SC	
ZZ131	COIL DEGAUSSING	58G0000145	DC-29S2		DTQ-29U8SSP
ZZ140	CABINET AS	PTCACAJ948	DTQ-29U8SC	DTQ-29U8SC	
ZZ140	CABINET AS	PTCACAJ950	DTQ-29U8SSP		DTQ-29U8SSP
ZZ200	MASK FRONT AS	PTFMSJJ936	DTQ-29U8FC	PTCACAJ948	
ZZ200	PCB MAIN M-10 AS	PTMPJBJ936	DTQ-29U8FC	PTMPJ0J936	
ZZ200	PCB MAIN (RHU) AS	PTMPJ0J936	DTQ-29U8FC	PTMPJ2J936	
ZZ200	PCB MAIN RADIAL AS	PTMPJRJ936	DTQ-29U8FC	PTMPJBJ936	
ZZ200	PCB MAIN AXIAL AS	PTMPJAJ936	DTQ-29U8FC	PTMPJRJ936	
ZZ200	PCB CHIP MOUNT B AS	PTMPJ2J936	DTQ-29U8FC	PTMPMSJ936	
ZZ200	MASK FRONT AS	PTFMSJJ938	DTQ-29U8FSP		PTCACAJ950
ZZ200	PCB MAIN M-10 AS	PTMPJBJ938	DTQ-29U8FSP		PTMPJ0J938
ZZ200	PCB MAIN (RHU) AS	PTMPJ0J938	DTQ-29U8FSP		PTMPJ2J938
ZZ200	PCB MAIN RADIAL AS	PTMPJRJ938	DTQ-29U8FSP		PTMPJBJ938
ZZ200	PCB MAIN AXIAL AS	PTMPJAJ938	DTQ-29U8FSP		PTMPJRJ938
ZZ200	PCB CHIP MOUNT B AS	PTMPJ2J938	DTQ-29U8FSP		PTMPMSJ938
ZZ290	PCB MAIN MANUAL AS	PTMPMSJ936	DTQ-29U8FC	PTCACAJ948	
ZZ290	PCB MAIN MANUAL AS	PTMPMSJ938	DTQ-29U8FSP		PTCACAJ950

EXPLODED VIEW

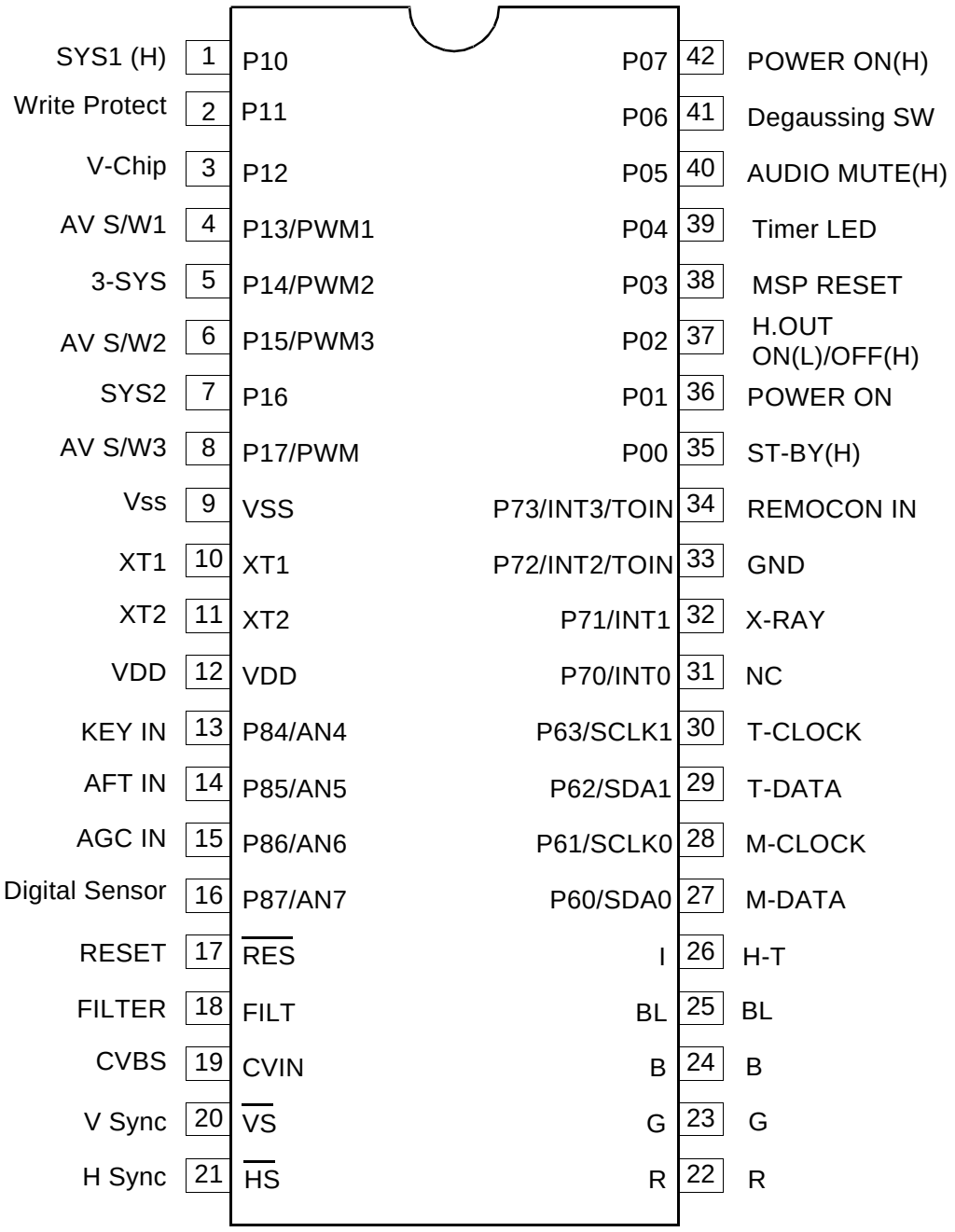



REV
LIST OF MODIFICATION
REASON OF MODIFICATION
DATE
NAME
APPR
DEVELOPMENT DWG
PART NAME
MODEL
DW-29A8VX9
R48500HA
Daewoo Electronics CO.,LTD.
Mokdo-dong, Nam, Pyeongtaek-Si, Kyonggi-Do, Korea
NO
PART CODE
PART NAME
MATERIAL
QTY
REMARKS
UNITS
SCALE
1 48559044 MASK-FRONT HIPS GY 29UB
2 48521604 COVER BACK HIPS GY 29UB
3 48555449 DECO SENSOR PC GY
4 48528231 DOOR ABS GY
5 48550603 DECO CTRL PVC T0.25
6 48548609 BUTTON POWER ABS GY
7 48567160 SPRING SWPA P1E0.5
8 48537923 DOOR LOCK LA70IK<IFCD3
9 48536174 BRAND MARK SILVER DIA-PLATTING DAEWOO
10 48549504 BUTTON CH ABS GY
11 71789301 SCREW TAPPITE TT2 WAS 3X10 MFZN
12 48539363 DECO EYE ABS BLUE plug comm
13 71789301 SCREW TAPPITE TT2 WAS 3X10 MFZN
14 48583152 SPEAKER SP-78128F02
15 71724016 SCREW TAPPITE TT2 TRS 4X16 NFZN BK
16 48398144 MAIN PCB CN-793N ORION
17 48596356 CRT A66GDL880X01(D) P39
18 48562154 WASHER RUBBER CR T4.0
19 48560158 SCREW CRT FIX SVRM-SX5 L-35
20 71724016 SCREW TAPPITE TT2 TRS 4X16 NFZN BK
21 71724016 SCREW TAPPITE TT2 TRS 4X16 NFZN BK
22 48559367 DECO AV PVC T0.25
23 71783012 SCREW TAPPITE TT2 WAS 3X8 NFZN BK
24 48578176 CLOTH BLACK FELT 850X20X0.7
25 48578176 CLOTH BLACK FELT 400X20X0.7
26 48554199 SPEC PLATE ART 150
27 48595597 BOX CARTON DW-3 29UB
28 48595815 BAG P.E PE FOAM 40.5X1400X1270
29 48598159 PAD EPS 29UB

PRINTED CIRCUIT BOARD

U-COM (I701)

DW863240V-RA1



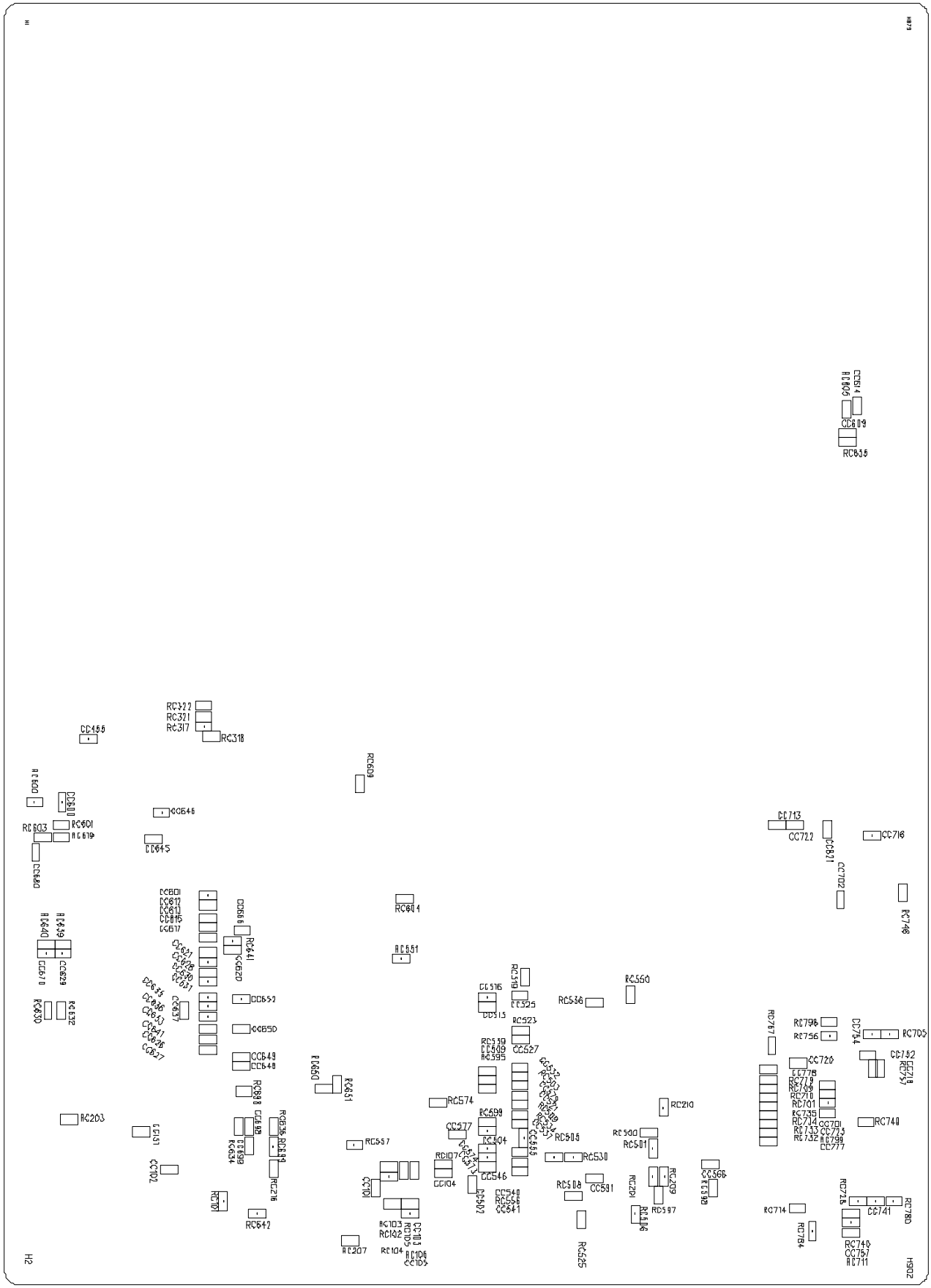
- X'TAL : 32.768 KHz

NO	PIN	PIN NAME	DESCRIPTION (LEVEL)
1	1	SYS 1	"L"
2	2	WRITE PROTECT	NC
3	3	V-CHIP	+5V
4	4	AV S/W1	I504 #6
5	5	3-SYS	NC
6	6	AV S/W2	I504 #8
7	7	SYS2	"L"
8	8	AV S/W3	I502 #2, #15
9	9	Vss	GND
10	10	XT1	32.768KHz
11	11	XT2	32.768KHz
12	12	Vdd	+5V
13	13	KEY IN	SW702~707
14	14	AFT IN	I501 #55
15	15	AGC IN	TU01, I501 #8
16	16	DIGITAL SENSOR	NC
17	17	RESET	RESET ACTIVE "L"
18	18	FILTER	FILTER
19	19	CVBS	I502 #12
20	20	VS	I301 #7
21	21	HS	I501 #30
22	22	R	I501 #16
23	23	G	I501 #17
24	24	B	I501 #18
25	25	BL	I501 #15
26	26	H-T	NC
27	27	MSP-DATA	I601 #8
28	28	MSP-CLOCK	I601 #7
29	29	T-DATA	TU01, I501 #35
30	30	T-CLOCK	TU01, I501 #34
31	31	NC	NC
32	32	XRAY	ACTIVE "H", NORMAL: "L"
33	33	GND	GND
34	34	REMOCON IN	IF01
35	35	STAND-BY	NC
36	36	PWR ON	+5V
37	37	H-OUT	I804 SW(PQ09RF11)
38	38	MSP-RESET	I601 #20 ACTIVE "L"
39	39	TIMER LED	NC
40	40	AUDIO MUTE	I602 #10
41	41	Degaussing sw	Q813 BASE (TO RELAY) Degaussing : "H"
42	42	PWR ON	Q804 BASE(TO STR-F6656) TV ON : "H"

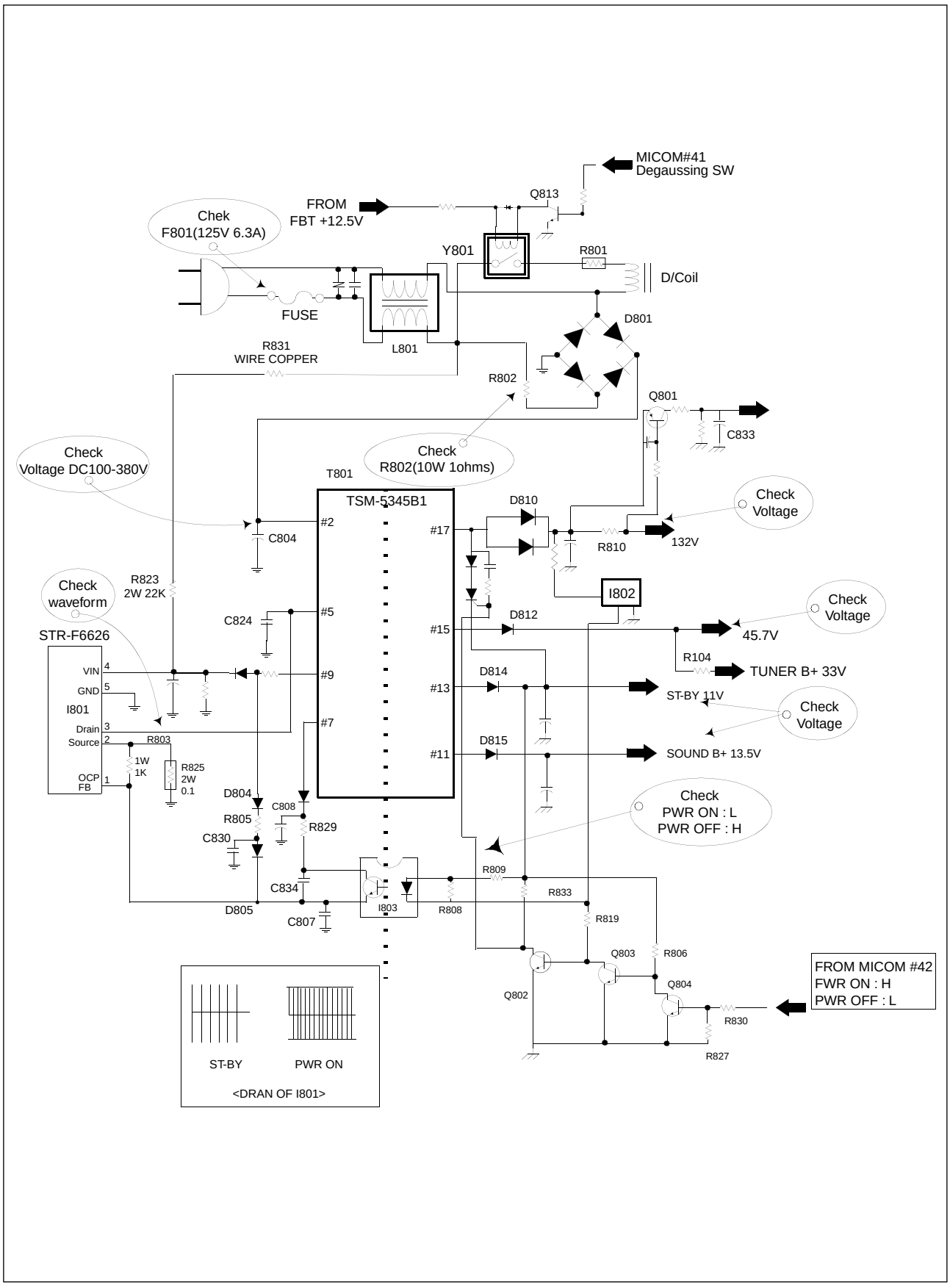
CHIP COMPONENTS POSITION Appendix

**PCB MAIN

N0	L/C	X	Y	ORIENT	N0	L/C	X	Y	ORIENT
1	CC666	238.99985	63.2498	90	43	CC635	256	54.25	270
2	CC645	215.09985	39.6498	270	44	CC646	208.5	41.75	90
3	RC632	259.5	15	180	45	RC630	259.5	11.5	180
4	RC639	242.5	15.5	270	46	RC321	183.75	53	90
5	CC629	244.75	15.5	90	47	RC322	181	53	90
6	RC640	242.5	11	90	48	RC318	188.75	55.25	90
7	CC670	244.75	11	270	49	RC317	186.25	53	90
8	RC605	104.5	224.25	180	50	CC716	214.39	231.27	270
9	CC614	103.5	227	180	51	CC455	189.5	22.25	270
10	CC609	110.5	224.75	270	52	RC604	230.5	106.4	90
11	RC635	113	224.75	270	53	RC651	278.5	88.75	180
12	RC636	289.25	71.5	180	54	CC579	278.75	137.25	270
13	RC699	294.5	71.5	0	55	CC521	281.25	137.25	270
14	CC698	289.25	65.25	0	56	CC713	211.75	205.75	90
15	CC699	294.25	65.25	180	57	RC508	307	151.5	270
16	RC600	205.75	8	90	58	RC642	311.75	67.25	270
17	CC600	205.75	15.25	180	59	RC506	311.75	168	180
18	RC601	211.75	15	90	60	CC573	297.25	128.75	270
19	RC619	215	15	270	61	CC574	295	128.75	270
20	RC603	215	10.25	270	62	RC201	302.25	172.75	180
21	CC680	218.75	8.25	180	63	RC503	276.5	137.25	270
22	RC595	279.74985	128.7498	270	64	RC509	283.5	137.25	270
23	RC203	287.49985	17.2498	90	65	CC541	301	137.25	270
24	RC599	288	128.75	270	66	RC210	284.5	175.5	180
25	RC557	294	93.25	270	67	RC500	291	171.5	270
26	CC754	265.5	231.25	270	68	RC501	295	172.75	0
27	RC536	257.5	157	270	69	RC209	302.25	175.75	0
28	RC714	310.25	211.25	90	70	RC101	308.5	58.25	180
29	RC525	313.25	153.75	0	71	CC101	305.25	98.75	0
30	RC701	284	203.5	90	72	CC103	300.75	109.25	0
31	RC735	286.25	203.5	90	73	CC104	301.5	116.75	270
32	RC734	288.5	203.5	90	74	CC105	311.75	108	270
33	RC733	290.75	203.5	90	75	RC102	302.25	102.5	90
34	RC732	293	203.5	90	76	RC103	299.75	102.5	90
35	RC779	277.25	203.5	270	77	RC104	309.25	103.25	270
36	CC504	290.5	128.75	270	78	RC105	300.75	106.5	180
37	CC778	274.75	203.5	90	79	RC106	309.25	108	90
38	RC746	228.99985	239.4998	0	80	RC107	299.25	116.75	90
39	RC207	318.75	92.25	90	81	RC574	283	115.5	90
40	CC151	290.7	36.5	270	82	RC550	255.25	167	0
41	CC652	256.49985	62.9998	270	83	RC551	246	105.5	90
42	CC636	258.25	54.25	270	84	RC216	300.25	71.5	0

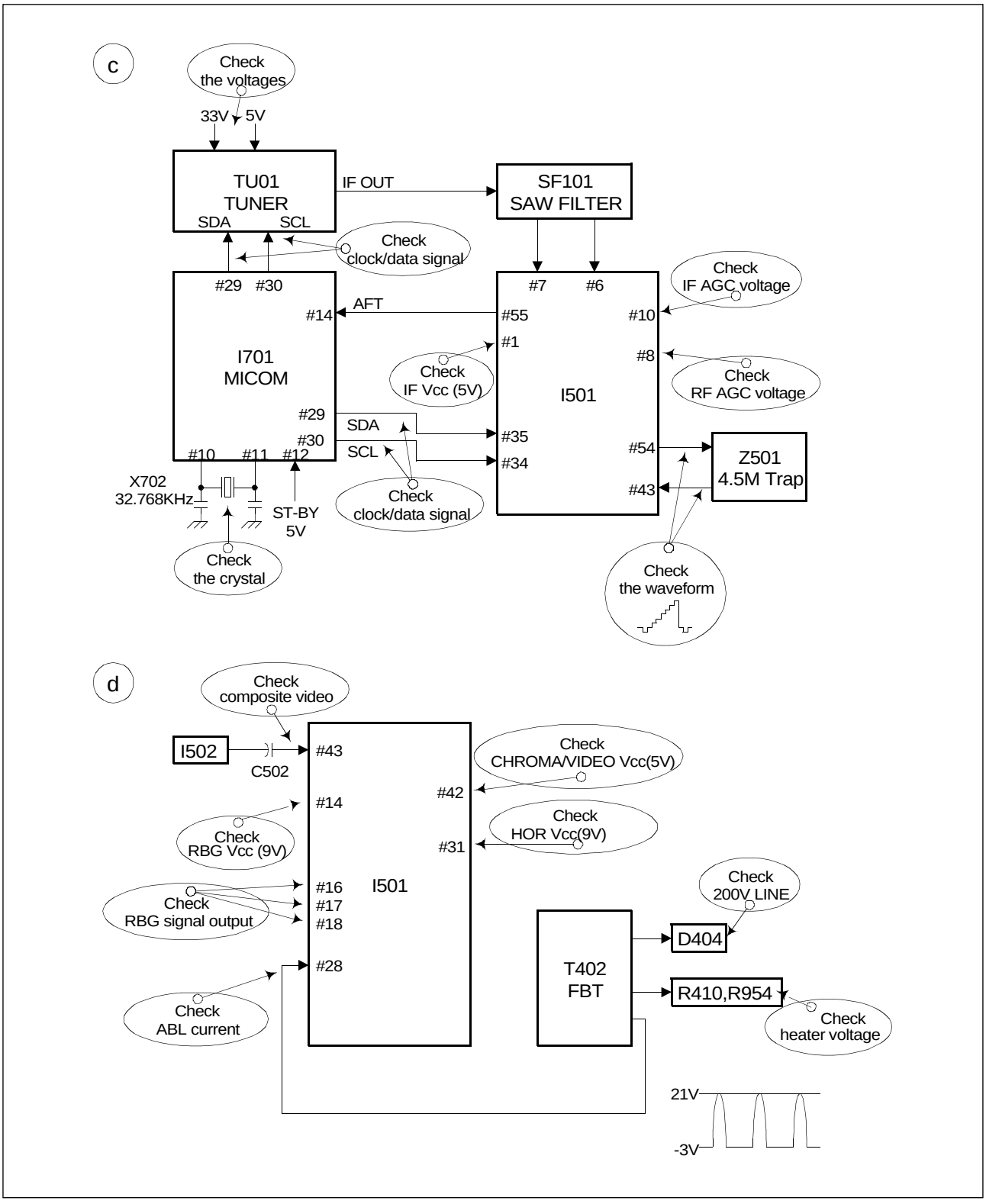


1. NO POWER


MICOM#41
Degaussing SW
Q813
FROM
FBT +12.5V
Chek
F801(125V 6.3A)
Y801
R801
D/Coil
FUSE
L801
D801
R831
WIRE COPPER
R802
Q801
C833
Check
Voltage DC100-380V
Check
R802(10W 1ohms)
T801
TSM-5345B1
D810
Check
Voltage
C804
R810
132V
Check
waveform
R823
2W 22K
I802
Check
Voltage
C824
D812
45.7V
STR-F6626
R104
TUNER B+ 33V
VIN
GND
I801
Drain
Source
OCP
FB
R803
D814
ST-BY 11V
Check
Voltage
D815
SOUND B+ 13.5V
1W
1K
R825
2W
0.1
D804
C808
R805
R829
C830
Check
PWR ON : L
PWR OFF : H
R809
C834
R833
D805
I803
R808
C807
R819
Q803
R806
Q804
Q802
FROM MICOM #42
FWR ON : H
PWR OFF : L
R830
R827
ST-BY
PWR ON
<DRAN OF I801>

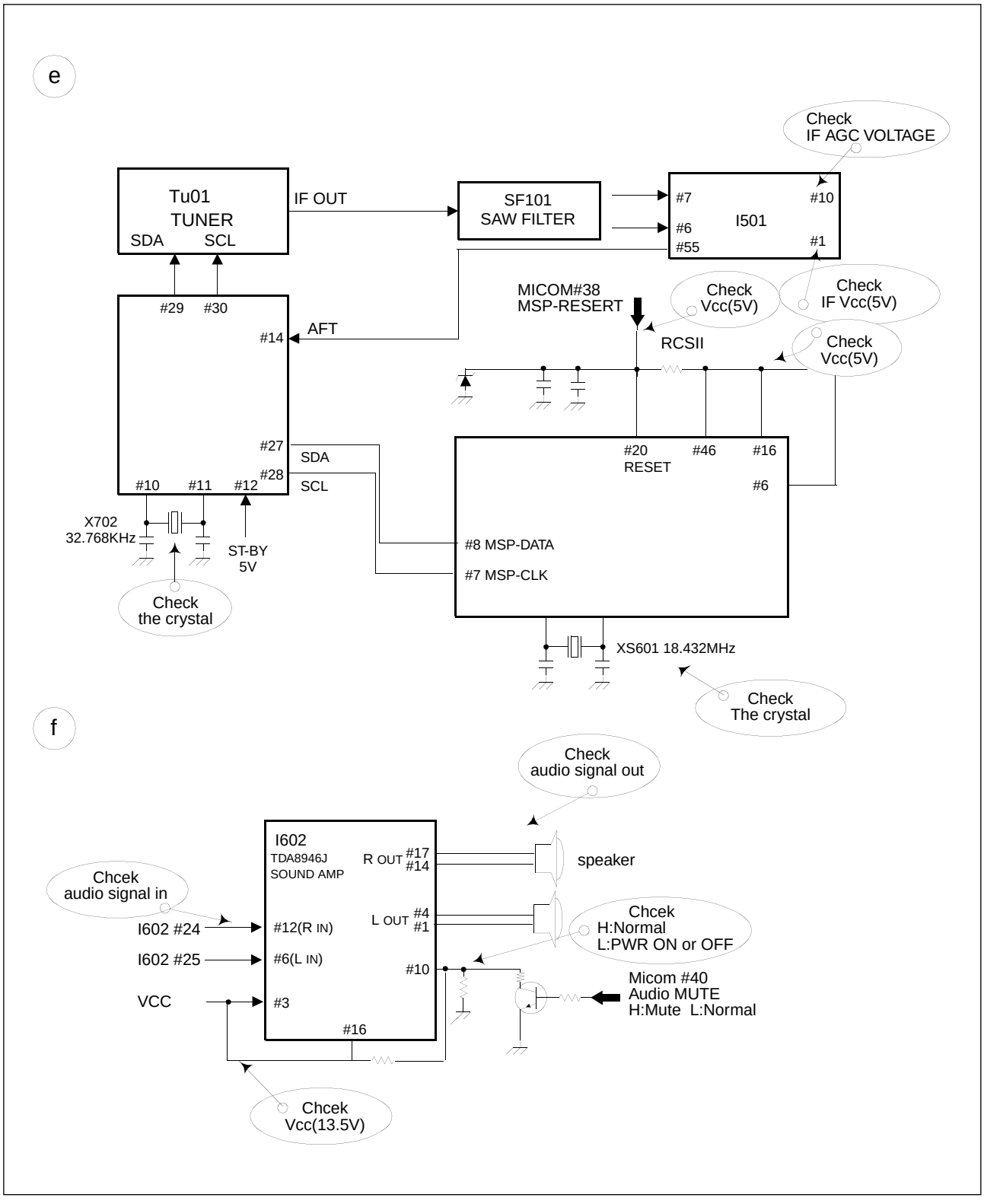
2. NO PICTURE

Check the waveform of I501 #54	NG : GO to the figure ⓒ
	OK : Go the figure ⓓ



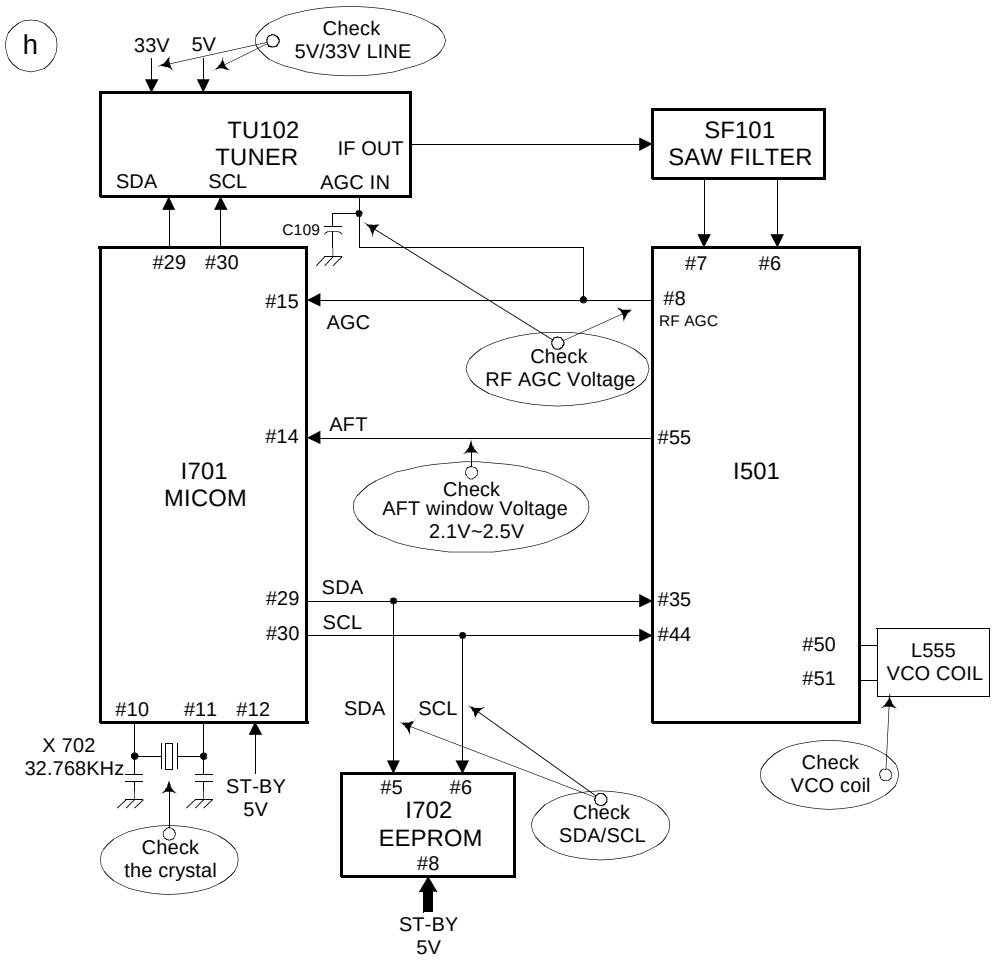
3. NO SOUND

Check audio output signal of I101 #1	NG : Go to the figure ⓔ
	OK : Go to the figure ⓕ

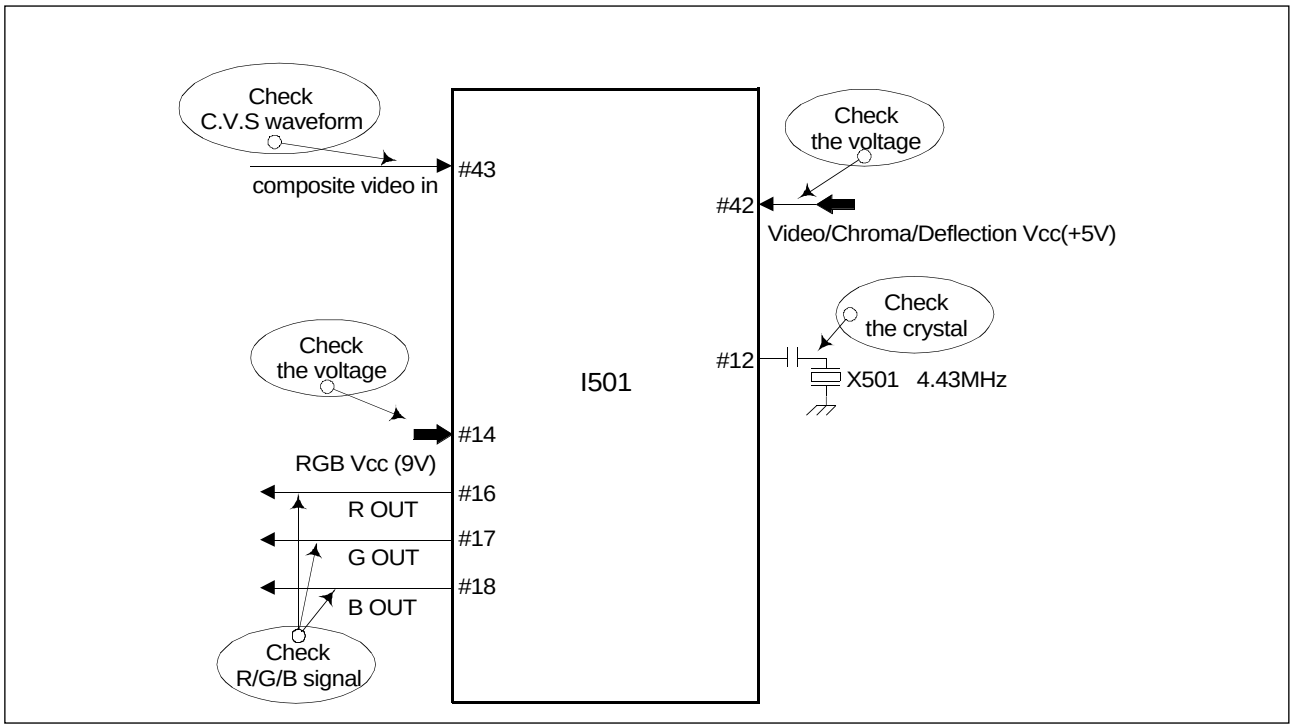


4. CH DON'T STOP

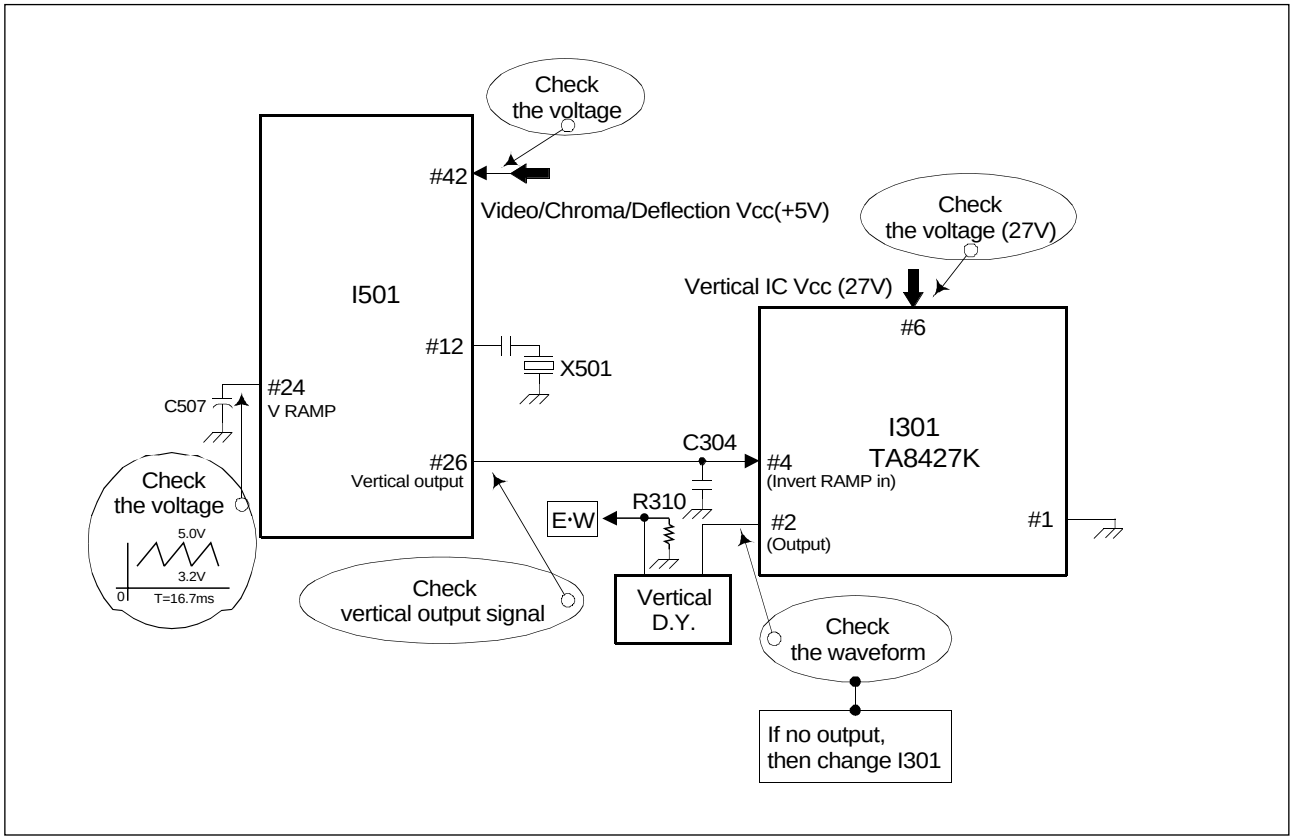
Check the input signal conditions	NG : Loss of signal or weak signal
	OK : Go to the figure ⑨



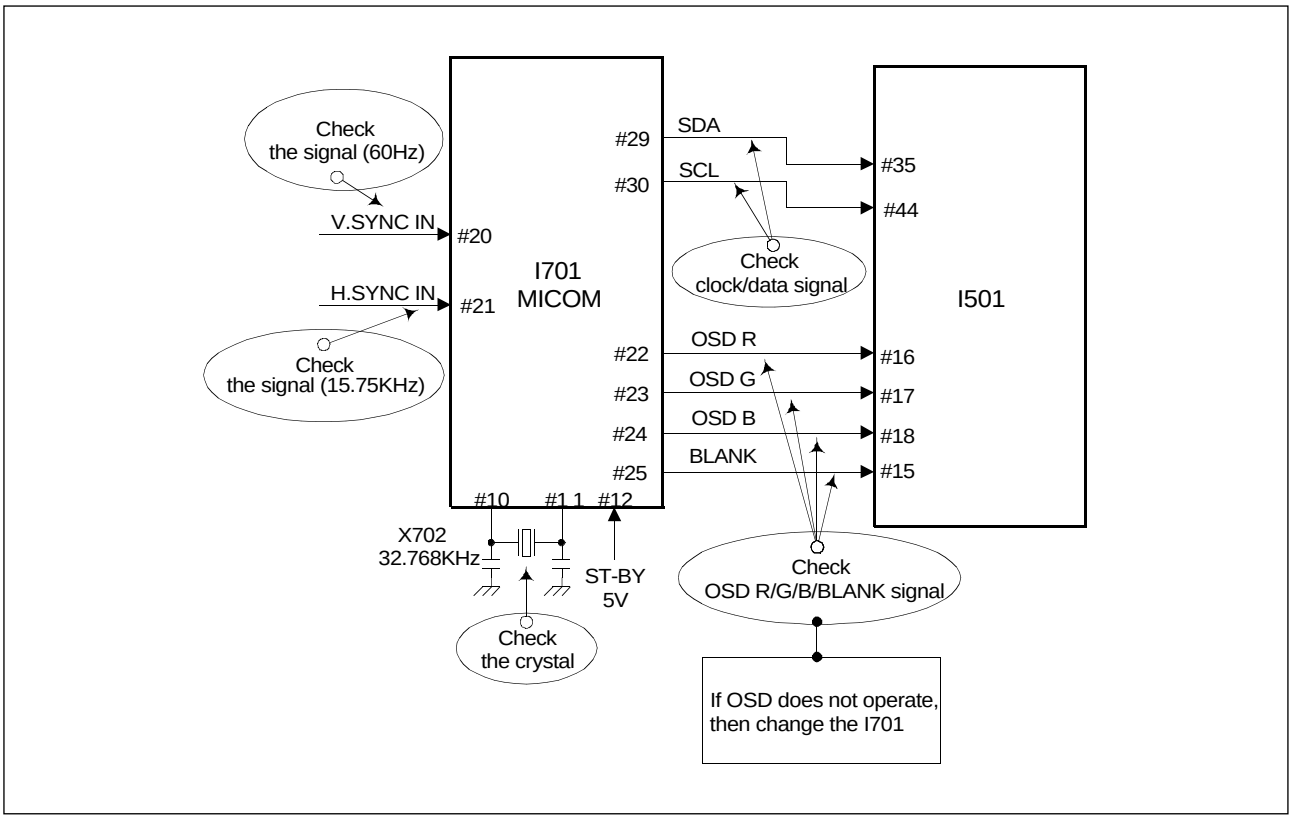
5. NO COLOR



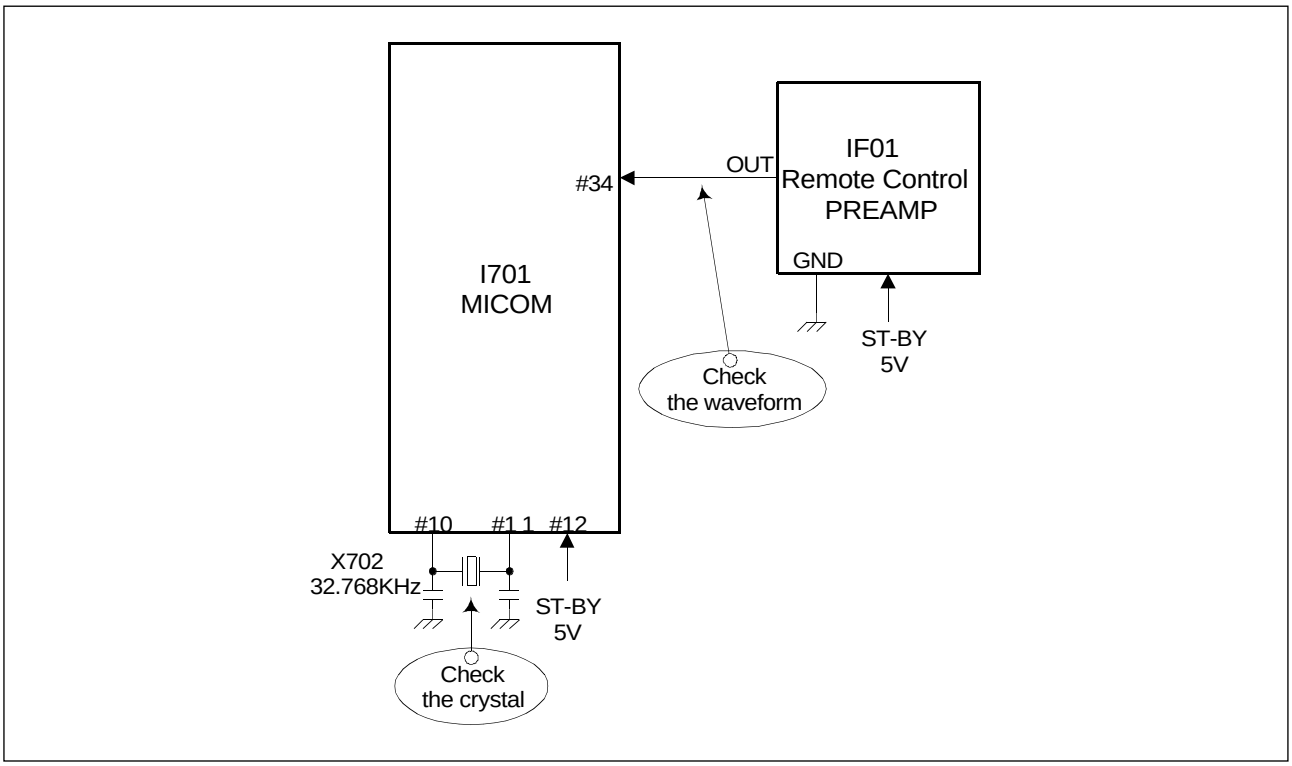
6. NO VERTICAL DEFLECTION



5. NO COLOR



6. NO VERTICAL DEFLECTION



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CABLE : “DAEWOOELEC”